Otolaryngology-Head and Neck Surgery

Official Journal of the AMERICAN ACADEMY OF OTOLARYNGOLOGY-HEAD AND NECK SURGERY FOUNDATION, INC
and the AMERICAN ACADEMY OF OTOLARYNGIC ALLERGY

EDITOR IN CHIEF
Michael S. Benninger, MD
(Henry Ford Hospital)
(Detroit, MI)
One Prince St
Alexandria, VA 22314-3357
phone: 703-299-1135
fax: 703-299-1136
e-mail: OTO-HNS@entnet.org

MANAGING EDITOR
Louanne M. Wheeler, MA, *Alexandria, VA*

SENIOR ISSUE MANAGER
Peggy Simpson, *St Louis, MO*

ASSOCIATE EDITORS

Basic Science Review: Richard Miyamoto, MD, *Indianapolis, IN*
Book Reviews: Brent A. Senior, MD, *Chapel Hill, NC*
Case Reports: Jeffrey M. Bumpous, MD, *Louisville, KY*
Case Reports: Michael Setzen, MD, *Manhasset, NY*
Clinical Epidemiology/Outcomes Research: Jay F. Piccirillo, MD, *St Louis, MO*
Clinical Photographs: Michael A. Keefe, MD, CDR MC USN, *San Diego, CA*
Clinical Techniques and Technology: Randal A. Otto, MD, *San Antonio, TX*
Comprehenisve Otolaryngology: John G. Campbell, MD, *Tulsa, OK*
Computer Science: Keith F. Clark, MD, *Oklahoma City, OK*
Facial Plastic and Reconstructive Surgery: John F. Hoffmann, MD, *Salt Lake City, UT*
Head and Neck Cancer: Dennis H. Kraus, MD, *New York, NY*
Laryngology/Neurolaryngology: Andrew Blitzer, MD, DDS, *New York, NY*
Online Editor: Keith F. Clark, MD, *Oklahoma City, OK*
Otology and Neurotology: William H. Slattery III, MD, *Los Angeles, CA*
Pediatric Otolaryngology: Ellen M. Friedman, MD, *Houston, TX*
Sinonasal Disorders and Allergy: Berrylin J. Ferguson, MD, *Pittsburgh, PA*

EDITORIAL BOARD

Sanford M. Archer, MD, FACS, *Lexington, KY*
Jacquelynne P. Corey, MD, *Chicago, IL*
William E. Davis, MD, *Columbus, MO*
Antonio De La Cruz, MD, *Los Angeles, CA*
M. Jennifer Derebery, MD, *Los Angeles, CA*
Charles N. Ford, MD, *Madison WI*
Jack L. Gluckman, MD, *Cincinnati, OH*
Richard L. Goode, MD, *Los Altos, CA*
A. Julianna Gulya, MD, *Rockville, MD*
Stephen G. Harner, MD, *Rochester, MN*
Jonas T. Johnson, MD, *Pittsburgh, PA*
Dennis H. Kraus, MD, *New York, NY*
John H. Krouse, MD, PhD, FACS, *Detroit, MI*
Mary B. Meikle, PhD, *Portland, OR*
Edwin M. Monsell, MD, PhD, *Detroit, MI*
Eugene N. Myers, MD, *Pittsburgh, PA*
James L. Netterville, MD, *Nashville, TN*
Robert H. Ossoff, ME, *Nashville, TN*
J. David Osguthorpe, MD, *Charleston, SC*
Stephen S. Park, *Charlottesville, VA*
Harold Pillsbury III, MD, *Chapel Hill, NC*
Charles M. Stiernberg, MD, *Houston, TX*
Dean M. Toriumi, MD, *Chicago, IL*
Neil Ward, MD, *Alexandria, VA*
Gayle E. Woodson, MD, *Memphis, TN*
Peak Woo, MD, *New York, NY*
Kathleen Yaremchuk, MD, *Detroit, MI*
Richard J. Zarbo, MD, DMD, *Detroit, MI*

INTERNATIONAL EDITOR

Eugene N. Myers, MD
University of Pittsburgh
School of Medicine
The Eye & Ear Institute
200 Lothrop St, Suite 500
Pittsburgh, PA 15213
phone: 412-647-2111
fax: 412-647-2080
e-mail: myersen@msx.upmc.edu

INTERNATIONAL EDITORIAL COORDINATOR
Matthew Newton, *Pittsburgh, PA*

INTERNATIONAL EDITORIAL BOARD

Craig A. Buchman, MD, *Chapel Hill, NC*
Ara Chalian, MD, *Philadelphia, PA*
Ted A. Cook, MD, *Portland, OR*
Andrew N. Goldberg, MD, *San Francisco, CA*
Wesley L. Hicks, Jr., MD, DDS, *Buffalo, NY*
Jennifer L. Hunt, MD, *Pittsburgh, PA*
Robert Kern, MD, *Chicago, IL*
Ronald B. Kuppersmith, MD, *Seattle, WA*
Anil K. Lalwani, MD, *San Francisco, CA*
Scott Manning, MD, *Seattle, WA*
Lloyd B. Minor, MD, *Baltimore, MD*
Jeffrey N. Myers, MD, PhD, *Houston, TX*
Bert W. O'Malley, Jr, MD, *Baltimore, MD*
Karen T. Pitman, MD, *St Louis, MO*
Clark A. Rosen, MD, *Pittsburgh, PA*
Michael D. Seidman, MD, *West Bloomfield, MI*
Aristides Sismanis, MD, *Richmond, VA*
David W. Stepnick, MD, *Cleveland, OH*
Peter C. Weber, MD, *Cleveland, OH*
Gregory S. Weinstein, MD, *Philadelphia, PA*
Bevan Yueh, MD, *Seattle, WA*

Volume 128
Copyright © 2003 by the American Academy of
Otolaryngology–Head and Neck Surgery Foundation, Inc.

All rights reserved.

Printed in the United States of America

Index for Volume 128

Author Index*

A

Abrahão M (*see* Costa et al). 2003;128:686-90
Achten E (*see* Danielides et al). 2003;128:430-2 (Case rep.)
Adamopoulos G (*see* Yiotakis et al). 2003;128:200-9
Aferzon M, Wood WE, Powell JR. Ewing's sarcoma of the ethmoid sinus. 2003;128:897-901 (Case rep.)
Agneli SI, Hawley R, Gomez O. Systematic approach to benign positional paroxysmal vertigo in the elderly. 2003;128:719-25
Agrama MT, Reiter D, Cunnane MF, Topham A, Keane WM. Nodal yield in neck dissection and the likelihood of metastases. 2003;128:185-90
Aho M (*see* Kokki et al). 2003;128:273-9
Akçam T (*see* Gerek et al). 2003;128:761-3 (Case rep.)
Alba García JR (*see* Pérez Fernández et al). 2003;128:592-4 (Case rep.)
Alper CM (*see* Doyle et al). 2003;128:732-41
Altman A (*see* Klein et al). 2003;128:145-7 (Case rep.)
Ambrosio L (*see* Hertegård et al). 2003;128:401-6
Ammari FF, Bani Hani AH, Ghariebeh KI. Tuberculosis of the lymph glands of the neck: a limited role for surgery. 2003;128:576-80
Andersen PE (*see* Kaylie et al). 2003;128:109-14
Antonelli PJ (*see* Tsao et al). 2003;128:870-4
Ariño CM (*see* Ramírez et al). 2003;128:771-6
Armengot Carcellar M (*see* Pérez Fernández et al). 2003;128:592-4 (Case rep.)
Aydin S (*see* Doner et al). 2003;128:742-5

B

Babin E, Moreau S, de Rugy MG, Delmas P, Valdazo A, Bequignon A. Anatomic variations of the arteries of the nasal fossa. 2003;128:236-9
Bance M, Erb J. A reliable radiologic landmark for the facial nerve in axial temporal bone computed tomography scans. 2003;128:251-6
Bani Hani AH (*see* Ammari et al). 2003;128:576-80
Banks JM (*see* Doyle et al). 2003;128:732-41
Banthia V, Selesnick SH. Mitomycin-C in the postsurgical ear canal. 2003;128:882-6
Bar-Lavie Y (*see* Goldenberg et al). 2003;128:358-63
Baroncelli R (*see* Gallo et al). 2003;128:654-62
Baroody FM. Allergic rhinitis: broader disease effects and implications for management. 2003;128:616-31
Baroody FM (*see* Naclerio et al). 2003;128:220-7
Bascom D (*see* Zimmer et al). 2003;128:178-84
Basterra Alegría J (*see* Pérez Fernández et al). 2003;128:592-4 (Case rep.)
Baumann A (*see* Schaller and Baumann). 2003;128:387-95
Bayiz Ü (*see* Dursun et al). 2003;128:764-5 (Case rep.)
Bayles SW (*see* Richards et al). 2003;128:148-50 (Case rep.)
Beaver ME, Stasney CR, Weitzel E, Stewart MG, Donovan DT, Parke RB Jr. Diagnosis of laryngopharyngeal reflux disease with digital imaging. 2003;128:103-8
Bedrin L (*see* Talmi et al). 2003;128:196-9
Belafsky PC (*see* Johnson et al). 2003;128:452-4
Belafsky PC (*see* Setzen et al). 2003;128:99-102
Benavides G, Blanco P, Pinedo R. Necrotizing fasciitis of the face: a report of one successfully treated case. 2003;128:894-6 (Case rep.)
Bequignon A (*see* Babin et al). 2003;128:236-9
Bernáldez R, García-Pallares M, Morera E, Lassaletta L, Del Palacio A, Gavilán J. Oncologic and functional results of near-total laryngectomy. 2003;128:700-5
Bhattacharyya N. A population-based analysis of survival factors in differentiated and medullary thyroid carcinoma. 2003;128:115-23
Bidani N (*see* Naclerio et al). 2003;128:220-7
Bigenzahn W (*see* Schneider et al). 2003;128:815-22
Bilgen C, Kirazali T, Ogut F, Totan S. Jugular bulb diverticula: clinical and radiologic aspects. 2003;128:382-6
Blackall GF (*see* Isaacson et al). 2003;128:706-10
Black MJ (*see* Nyquist et al). 2003;128:910-11 (Case rep.)
Blanco P (*see* Benavides et al). 2003;128:894-6 (Case rep.)
Bloch DC, Scheuller MC, Maas CS. Scarless lip rehabilitation for the adynamic lip. 2003;128:523-9
Boddi V (*see* Gallo et al). 2003;128:654-62
Bogusiewicz M, Stryjecka-Zimmer M, Szymanski M, Rechberger T, Golabek W. Activity of matrix metalloproteinases-2 and −9 in advanced laryngeal cancer. 2003;128:132-6
Bojrab DI (*see* Ostrowski and Bojrab). 2003;128:711-18
Bolger WE (*see* Schlosser and Bolger). 2003;128:32-8
Borzacchiello A (*see* Hertegård et al). 2003;128:401-6
Bradley PJ (*see* Raghavan et al). 2003;128:419-25
Brandão LG (*see* Furlan et al). 2003;128:396-400
Brasnu E, Périé S, St Guily JL. Post-total laryngectomy Zenker's diverticulum: endoscopic stapled-assisted esophagodiverticulostomy. 2003;128:902-3 (Case rep.)
Brietzke SE, Mair EA. Injection snoreplasty: extended follow-up and new objective data. 2003;128:605-15
Brockenbrough JM, Marzo S, Wurster R, Young MRI. Bone wax prevents nystagmus after labyrinthine fenestration in guinea pigs. 2003;128:726-31
Brodsky A, Luntz M, Veller B, Sharf B, Goldsher M, Lurie M, Miselevich I. Intrasphenoid mycotic aneurysm of the internal carotid artery. 2003;128:887-90 (Case rep.)
Bruschini L (*see* Gallo et al). 2003;128:654-62
Brusky LT (*see* Woodson et al). 2003;128:353-7
Burkey BB (*see* Richards et al). 2003;128:148-50 (Case rep.)
Busaba NY, Salman SD. Ethmoid mucocele as a late complication of endoscopic ethmoidectomy. 2003;128:517-22
Byrne P (*see* Earnest et al). 2003;128:151-3 (Case rep.)
Byun SN (*see* Rha et al). 2003;128:891-3 (Case rep.)

C

Calhoun KH (*see* Stierman et al). 2003;128:795-801
Califano J (*see* Earnest et al). 2003;128:151-3 (Case rep.)
Caro JE (*see* Hwang et al). 2003;128:489-96
Catalano PJ, Roffman EJ. Evaluation of middle meatal stenting after minimally invasive sinus techniques. 2003;128:875-81
Cervantes O (*see* Costa et al). 2003;128:686-90
Chadha SK, Gopalakrishnan S, Gopinath N. An unusual sharp foreign body in the esophagus and its removal. 2003;128:766-8 (Case rep.)
Chagas JSF (*see* Costa et al). 2003;128:686-90
Chaipasithikul S (*see* Wasinwong et al). 2003;128:589-91 (Case rep.)
Chang C-N (*see* Hao et al). 2003;128:571-5

*January, pp 1-166; February pp 167-304; March pp 305-446; April pp 447-604; May pp 605-770; June pp 771-938.

Chang H-P, Chang S-Y. An alternative surgical procedure for the treatment of vocal fold retention cyst. 2003;128:470-7
Chang K-P (*see* Dai et al). 2003;128:137-41
Chang S-Y (*see* Chang and Chang). 2003;128:470-7
Chang Y-C (*see* Su et al). 2003;128:412-18
Chao T-K. Protrusion of orbital content through dehiscence of lamina papyracea mimics: a case report. 2003;128:433-5 (Case rep.)
Cheesman AD (*see* Matai et al). 2003;128:841-7
Chen C-H (*see* Chen et al). 2003;128:581-2 (Case rep.)
Chen S-G (*see* Su et al). 2003;128:412-18
Chen Y-K, Lin L-M, Lin C-C, Chen C-H. Keratoacanthoma of the tongue: a diagnostic problem. 2003;128:581-2 (Case rep.)
Cheng P-W (*see* Yeh and Cheng). 2003;128:163-4
Chiang Y-C, Lee F-P, Peng C-L, Lin C-T. Measurement of tongue movement during vowel production with computer-assisted B-mode and M-mode ultrasonography. 2003;128:805-14
Chien C-Y (*see* Lin et al). 2003;128:650-3
Choi EC, Hong WP, Kim CB, Yoon HC, Nam JI, Son EJ, Kim KM, Kim S-H. Changes of esophageal motility after total laryngectomy. 2003;128:691-9
Chu A, Osguthorpe JD. Nonmelanoma cutaneous malignancy with regional metastasis. 2003;128:663-73
Church CA (*see* Martin et al). 2003;128:280-1 (Case rep.)
Clarke PM (*see* Matai et al). 2003;128:841-7
Close LG (*see* Kacker et al). 2003;128:228-35
Cohen D, Gatt N, Olschwang D, Perez R. Surgery for prolonged parotid duct obstruction: a case report. 2003;128:753-4 (Case rep.)
Cohen D, Perez R. Bilateral myoclonus of the tensor tympani: a case report. 2003;128:441 (Case rep.)
Cohen HS, Kimball KT. Increased independence and decreased vertigo after vestibular rehabilitation. 2003;128:60-70
Cohen JT (*see* Gil et al). 2003;128:43-7
Cohen JT (*see* Gil et al). 2003;128:681-5
Cohen MA (*see* Setzen et al). 2003;128:99-102
Cohen-Kerem R (*see* Uri et al). 2003;128:544-9
Cokkeser Y (*see* Kalcioglu et al). 2003;128:560-4
Cordeiro AC (*see* Furlan et al). 2003;128:396-400
Costa CC, Abrahão M, Cervantes O, Chagas JFS. New endoscopic secondary tracheoesophageal voice prothesis placement technique. 2003;128:686-90
Cotton R (*see* Moore et al). 2003;128:583-6 (Case rep.)
Cronin GW, Steenerson RL. The effectiveness of neuromuscular facial retraining combined with electromyography in facial paralysis rehabilitation. 2003;128:534-8
Crouse CD, Faust RA. Child abuse and the otolaryngologist: part I. 2003;128:305-10
Crouse CD, Faust RA. Child abuse and the otolaryngologist: part II. 2003;128:311-17
Cruz OLM, Kasse CA, Leonhart FD. Efficacy of surgical treatment of chronic otitis media. 2003;128:263-6
Cunnane MF (*see* Agrama et al). 2003;128:185-90

D

Dahlqvist A (*see* Hertegård et al). 2003;128:401-6
Dai T-S, Hao S-P, Chang K-P, Pan W-L, Yeh H-C, Tsang N-M. Complications of mandibulotomy: midline versus paramidline. 2003;128:137-41
Danielides V, Nousia C-S, Achten E, Forsyth R, Vermeersch H. Hemangioma of the left cheek: a case report. 2003;128:430-2 (Case rep.)
Davison SP (*see* Ducic et al). 2003;128:426-7 (Case rep.)
De Filippis C (*see* Khademi et al). 2003;128:296-7 (Case rep.)
Delibas N (*see* Doner et al). 2003;128:742-5
Delmas P (*see* Babin et al). 2003;128:236-9
Del Palacio A (*see* Bernídez et al). 2003;128:700-5
Denk D-M (*see* Schneider et al). 2003;128:815-22
Dentoni T (*see* Visosky et al). 2003;128:447-51
Derkay CS. Phonomicrosurgical techniques for treatment of RRP in children. 2003;128:603-4 (Letter)
De Rugy MG (*see* Babin et al). 2003;128:236-9
De Tineo M (*see* Naclerio et al). 2003;128:220-7
Devesi S (*see* Gerek et al). 2003;128:761-3 (Case rep.)
DeWitt AI (*see* Greene et al). 2003;128:191-5
Ditkoff M (*see* Setzen et al). 2003;128:99-102
Dogru H (*see* Doner et al). 2003;128:742-5
Doherty JK, Slattery WH III. Autologous fat grafting for the refractory Eustachian tube. 2003;128:88-91
Doménech FG (*see* Ramírez et al). 2003;128:165-6 (Clin. photo.)
Domingo MA (*see* Ramírez et al). 2003;128:771-6
Doner F, Yariktas M, Dogru H, Uzun H, Aydin S, Delibas N. The biochemical analysis of tympanosclerotic plaques. 2003;128:742-5
Donovan DT (*see* Beaver et al). 2003;128:103-8
Dori S (*see* Talmi et al). 2003;128:196-9
Dorion D, Praud J-P. The larynx and neonatal apneas. 2003;128:463-9
Doweck I (*see* Uri et al). 2003;128:544-9
Doyle WJ, Alper CM, Banks JM, Swarts JD. Rate of nitrous oxide exchange across the middle ear mucosa in monkeys before and after blockage of the mastoid antrum. 2003;128:732-41
Ducic I, Davison SP, Woll S, Picken C. Maxillary infraorbital myxoma: reconstruction with vascularized temporal bone. 2003;128:426-7 (Case rep.)
Ducic Y. Management of osteomyelitis of the anterior skull base and craniovertebral junction. 2003;128:39-42
Dursun E, Korkmaz H, Bayiz Ü, Kiliç R, Samím E. Concholith: an usual case. 2003;128:764-5 (Case rep.)
Dworkin JP (*see* Reidy et al). 2003;128:455-62

E

Earnest L, Byrne P, Califano J. Massive facial angiofibroma in a patient with tuberous sclerosis. 2003;128:151-3 (Case rep.)
Eisenfeld L (*see* Klein et al). 2003;128:145-7 (Case rep.)
El-Rayes BF, Maciorowski Z, Pietraszkiewicz H, Ensley JF. Comparison of DNA content parameters in paired, fresh tissue pretreatment biopsies and surgical resections from squamous cell carcinoma of the head and neck. 2003;128:169-77
Ensley JF (*see* El-Rayes et al). 2003;128:169-77
Erb J (*see* Bance and Erb). 2003;128:251-6
Erbe CB (*see* Halum et al). 2003;128:364-71
Erdag TK (*see* Sutay et al). 2003;128:587-8 (Case rep.)
Erkam Ü (*see* Kocatürk et al). 2003;128:407-11
Evans DA. Saccular cyst of the larynx. 2003;128:303-4 (Clin. photo.)

F

Faust RA (*see* Crouse and Faust). 2003;128:305-17
Faust RA (*see* Crouse and Faust). 2003;128:311-17
Ferekidis E (*see* Yiotakis et al). 2003;128:200-9
Fernandes SV. Composite chondroperichondrial clip tympanoplasty: the triple "C" technique. 2003;128:267-72
Fischbein N (*see* Purcell et al). 2003;128:78-87
Fliss DM (*see* Gil et al). 2003;128:43-7
Fliss DM (*see* Gil et al). 2003;128:681-5
Forsyth R (*see* Danielides et al). 2003;128:430-2 (Case rep.)
Fradis M (*see* Golz et al). 2003;128:565-70
Francis HW (*see* Rothbaum et al). 2003;128:71-7
Friedland DR (*see* Halum et al). 2003;128:364-71

Fukui M (*see* Zimmer et al). 2003;128:178-84
Furlan JC, Cordeiro AC, Brandão LG. Study of some "intrinsic risk factors" that can enhance an iatrogenic injury of the external branch of the superior laryngeal nerve. 2003;128:396-400

G

Gaio E (*see* Khademi et al). 2003;128:296-7 (Case rep.)
Galera-Ruiz H, Morales-Salas M, Prado-Mediano F, Martin-Mora J, Muñoz-Borge F. Thirty-centimeter barbecue skewer hooked on the pharyngoesophageal junction of a health young adult. 2003;128:290-2 (Case rep.)
Gallo O, Sarno A, Baroncelli R, Bruschini L, Boddi V. Multivariate analysis of prognostic factors in T3 N0 laryngeal carcinoma treated with total laryngectomy. 2003;128:654-62
Galofre JD (*see* Ramírez et al). 2003;128:165-6 (Clin. photo.)
Gama AA (*see* Woodson et al). 2003;128:142-4 (Case rep.)
García-Pallares M (*see* Bernáldez et al). 2003;128:700-5
Garcia-Tapia R (*see* Pérez et al). 2003;128:372-81
Gatt N (*see* Cohen et al). 2003;128:753-4 (Case rep.)
Gavilán J (*see* Bernáldez et al). 2003;128:700-5
George M (*see* Rupa et al). 2003;128:823-8
Gerber ME (*see* Wei et al). 2003;128:287-9 (Case rep.)
Gerek M, Akçam T, Ümittalas D, Deveci S, Özkaptan Y. Internal jugular phlebectasia surrounded by mature adipose tissue. 2003;128:761-3 (Case rep.)
Ghariebeh KI (*see* Ammari et al). 2003;128:576-80
Gil Z, Cohen JT, Spektor S, Fliss DM. The role of hair shaving in skull base surgery. 2003;128:43-7
Gil Z, Cohen JT, Spektor S, Shlomi B, Fliss DM. Anterior skull base surgery without prophylactic airway diversion procedures. 2003;128:681-5
Gill-Body KM (*see* Krebs et al). 2003;128:240-50
Goh SY (*see* Huang et al). 2003;128:510-16
Golabek W (*see* Bogusiewicz et al). 2003;128:132-6
Goldenberg D (*see* Golz et al). 2003;128:565-70
Goldenberg D, Golz A, Huri A, Netzer A, Joachims HZ, Bar-Lavie Y. Percutaneous dilation tracheotomy versus surgical tracheotomy: our experience. 2003;128:358-63
Goldman NC. Angiocentric eosinophilic fibrosis. 2003;128:445-6 (Clin. photo.)
Goldsher M (*see* Brodsky et al). 2003;128:887-90 (Case rep.)
Golz A (*see* Goldenberg et al). 2003;128:358-63
Golz A, Goldenberg D, Netzer A, Fradis M, Westerman ST, Westerman LM, Joachims HZ. Paper patching for chronic tympanic membrane perforations. 2003;128:565-70
Gomez O (*see* Agneli et al). 2003;128:719-25
González F (*see* Pinilla et al). 2003;128:124-31
Gopalakrishnan S (*see* Chadha et al). 2003;128:766-8 (Case rep.)
Gopinath N (*see* Chadha et al). 2003;128:766-8 (Case rep.)
Goto EY (*see* Mion et al). 2003;128:27-31
Greenberg E (*see* Uri et al). 2003;128:544-9
Greene RM, DeWitt AI, Otto RA. Management of T3 N0 and T4 N0 glottic carcinomas: results of a national survey. 2003;128:191-5
Griest SE (*see* Hwang et al). 2003;128:489-96
Gronau S, Koenig-Greger D, Riechelmann H. Gene polymorphisms in detoxification enzymes as susceptibility factor for head and neck cancer?. 2003;128:674-80
Guneri EA (*see* Sutay et al). 2003;128:587-8 (Case rep.)
Guo Y-C (*see* Tsai et al). 2003;128:436-8 (Case rep.)
Guss J (*see* Setzen et al). 2003;128:99-102
Gyo K (*see* Ookouchi et al). 2003;128:160-2 (Case rep.)

H

Hager GD (*see* Rothbaum et al). 2003;128:71-7
Hagr A (*see* Nyquist et al). 2003;128:910-11 (Case rep.)
Hajioannou JK (*see* Kyrmizakis et al). 2003;128:904-5 (Case rep.)
Haller BL (*see* Visosky et al). 2003;128:447-51
Halum SL, Erbe CB, Friedland DR, Wackym PA. Gene discovery using a human vestibular schwannoma cDNA library constructed from a patient with neurofibromatosis type 2 (NF2). 2003;128:364-71
Han JK (*see* Woodson et al). 2003;128:353-7
Hanson PR (*see* Woodson et al). 2003;128:142-4 (Case rep.)
Hao S-P (*see* Dai et al). 2003;128:137-41
Hao S-P, Pan W-L, Chang C-N, Hsu Y-S. The use of the facial translocation technique in the management of tumors of the paranasal sinuses and skull base. 2003;128:571-5
Harada T, Miyamoto T, Takahashi M, Tsutsumi Y. Eccrine poroma in the external auditory canal. 2003;128:439-40 (Case rep.)
Hawley R (*see* Agneli et al). 2003;128:719-25
Hedayi R (*see* Martin et al). 2003;128:280-1 (Case rep.)
Helidonis E (*see* Kyrmizakis et al). 2003;128:904-5 (Case rep.)
Helidonis E (*see* Skoulas et al). 2003;128:503-9
Hernández-Mijares A (*see* Ramírez et al). 2003;128:771-6
Hertegård S, Dahlqvist A, Laurent C, Borzacchiello A, Ambrosio L. Viscoelastic properties of rabbit vocal folds after augmentation. 2003;128:401-6
Hier MP (*see* Nyquist et al). 2003;128:910-11 (Case rep.)
Hill SA (*see* Milam et al). 2003;128:428-9 (Case rep.)
Honda N (*see* Ookouchi et al). 2003;128:160-2 (Case rep.)
Hone SW, Norman G, Keogh I, Kelly V. The use of cortical evoked response audiometry in the assessment of noise-induced hearing loss. 2003;128:257-62
Hong WP (*see* Choi et al). 2003;128:691-9
Honrado C (*see* Jen et al). 2003;128:157-9 (Case rep.)
Horowitz Z (*see* Talmi et al). 2003;128:196-9
Hsia Y-J (*see* Su et al). 2003;128:412-18
Hsu M-M (*see* Yang and Hsu). 2003;128:154-6 (Case rep.)
Hsu Y-S (*see* Hao et al). 2003;128:571-5
Huang C (*see* Jen et al). 2003;128:157-9 (Case rep.)
Huang C-C (*see* Lin et al). 2003;128:650-3
Huang ZL, Ong KL, Goh SY, Liew HL, Yeoh KH, Wang DY. Assessment of nasal cycle by acoustic rhinometry and rhinomanometry. 2003;128:510-16
Huri A (*see* Goldenberg et al). 2003;128:358-63
Hwang C-F (*see* Lin et al). 2003;128:650-3
Hwang PH, Irwin SB, Griest SE, Caro JE, Nesbit GM. Radiologic correlates of symptom-based diagnostic criteria for chronic rhinosinusitis. 2003;128:489-96

I

Iinuma T (*see* Nakada et al). 2003;128:632-9
Ikiz AO (*see* Sutay et al). 2003;128:587-8 (Case rep.)
Irwin SB (*see* Hwang et al). 2003;128:489-96
Isaacson JE, Moyer MT, Schuler HG, Blackall GF. Clinical associations between tinnitus and chronic pain. 2003;128:706-10
Izquierdo ES (*see* Ramírez et al). 2003;128:771-6

J

Javaheri S (*see* Woodson et al). 2003;128:848-61
Jen A, Sanelli PC, Honrado C, Huang C. Cervical subcutaneous emphysema after lower abdominal laparoscopic surgery. 2003;128:157-9 (Case rep.)
Joachims HZ (*see* Goldenberg et al). 2003;128:358-63
Joachims HZ (*see* Golz et al). 2003;128:565-70
Job A (*see* Rupa et al). 2003;128:823-8

Johns MM (*see* Wong et al). 2003;128:915-6 (Clin. photo.)
Johnson J (*see* Purcell et al). 2003;128:78-87
Johnson JT (*see* Zimmer et al). 2003;128:178-84
Johnson PE, Belafsky PC, Postma GN. Topical nasal anesthesia for transnasal fiberoptic laryngoscopy: a prospective, double-blind, cross-over study. 2003;128:452-4
Johnson RF, Stewart MG, Wright CC. An evidence-based review of the treatment of peritonsillar abscess. 2003;128:332-43

K

Kacker A, Kazim M, Murphy M, Trokel S, Close LG. "Balanced" orbital decompression for severe Graves' orbitopathy: technique with treatment algorithm. 2003;128:228-35
Kalcioglu MT, Cokkeser Y, Kizilay A, Ozturan O. Follow-up of 366 ears after tympanostomy tube insertion: why is it draining? 2003;128:560-4
Kanchanapitak P (*see* Wasinwong et al). 2003;128:589-91 (Case rep.)
Kandiloros D (*see* Yiotakis et al). 2003;128:200-9
Kang B-H (*see* Lin et al). 2003;128:282-3 (Case rep.)
Kartush JM (*see* Ostrowski and Kartush). 2003;128:550-9
Kase Y (*see* Nakada et al). 2003;128:632-9
Kashima K (*see* Nakamura et al). 2003;128:539-43
Kasse CA (*see* Cruz et al). 2003;128:263-6
Kay DJ, Rosenfeld RM. Quality of life for children with persistent sinonasal symptoms. 2003;128:17-26
Kaylie DM, Andersen PE, Wax MK. An analysis of time and staff utilization for open versus percutaneous tracheostomies. 2003;128:109-14
Kazahaya K (*see* Ross et al). 2003;128:326-31
Kazim M (*see* Kacker et al). 2003;128:228-35
Keane WM (*see* Agrama et al). 2003;128:185-90
Kelley TF. Endoscopic management of an intranasal hemangioma: a case report and literature review. 2003;128:595-7 (Case rep.)
Kelly V (*see* Hone et al). 2003;128:257-62
Kentala E, Rauch SD. A practical assessment algorithm for diagnosis of dizziness. 2003;128:54-9
Keogh I (*see* Hone et al). 2003;128:257-62
Khademi G, De Filippis C, Tregnaghi A, Gaio E, Staffieri A. Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology. 2003;128:296-7 (Case rep.)
Kiliç R (*see* Dursun et al). 2003;128:764-5 (Case rep.)
Kim CB (*see* Choi et al). 2003;128:691-9
Kim KM (*see* Choi et al). 2003;128:691-9
Kim S-H (*see* Choi et al). 2003;128:691-9
Kim TH (*see* Rha et al). 2003;128:891-3 (Case rep.)
Kim YM (*see* Rha et al). 2003;128:891-3 (Case rep.)
Kimball KT (*see* Cohen and Kimball). 2003;128:60-70
Kinney WC. Web-based clinical decision support system for triage of vestibular patients. 2003;128:48-53
Kirazali T (*see* Bilgen et al). 2003;128:382-6
Kirse DJ (*see* Werle et al). 2003;128:906-9 (Case rep.)
Kizilay A (*see* Kalcioglu et al). 2003;128:560-4
Kizziar R (*see* Odland et al). 2003;128:210-14
Klein AM, Schoem SR, Altman A, Eisenfeld L. Inflammatory myofibroblastic tumor in the neonate: a case report. 2003;128:145-7 (Case rep.)
Klein C (*see* Pollak et al). 2003;128:829-34
Kocatürk S, Yilmazer D, Önal B, Erkam Ü, Urünal B. Do micrometastases detected with cytokeratin immunoperoxidase reactivity affect the treatment approach to neck in supraglottic cancers? 2003;128:407-11
Koenig-Greger D (*see* Gronau et al). 2003;128:674-80
Kokki H, Nikanne E, Aho M, Virtaniemi J. Pain intensity after laseruvulopalatoplasty and tonsillectomy. 2003;128:273-9
Komoda T (*see* Nakada et al). 2003;128:632-9
Korkmaz H (*see* Dursun et al). 2003;128:764-5 (Case rep.)
Kountakis SE (*see* Skoulas et al). 2003;128:503-9
Krause HF. Allergy and chronic rhinosinusitis. 2003;128:14-16
Krebs DE, Gill-Body KM, Parker SW, Ramirez JV, Wernick-Robinson M. Vestibular rehabilitation: useful but no universally so. 2003;128:240-50
Kronenberg J (*see* Talmi et al). 2003;128:196-9
Krouse JH (*see* Reidy et al). 2003;128:455-62
Kyrmizakis DE, Hajioannou JK, Helidonis E. Giant keratoacanthoma of the lower lip. 2003;128:904-5 (Case rep.)

L

Lalakea ML, Messner AH. Ankyloglossia: the adolescent and adult perspective. 2003;128:746-52
Lalwani AK (*see* Purcell et al). 2003;128:78-87
Lane JD (*see* Zakaluzny et al). 2003;128:478-88
Lassaletta L (*see* Bernáldez et al). 2003;128:700-5
Laurent C (*see* Hertegård et al). 2003;128:401-6
Lee F-P (*see* Chiang et al). 2003;128:805-14
Leonhart FD (*see* Cruz et al). 2003;128:263-6
Lessa MM (*see* Mion et al). 2003;128:27-31
Levin RJ (*see* Vora and Levin). 2003;128:601-2 (Case rep.)
Li Z (*see* Yi et al). 2003;128:777-82
Lichtenberger G. Simple and safe puncture technique for voice prothesis implantation. 2003;128:835-40
Liew HL (*see* Huang et al). 2003;128:510-16
Limb CJ (*see* Pai et al). 2003;128:442-4 (Case rep.)
Lin C-C (*see* Chen et al). 2003;128:581-2 (Case rep.)
Lin C-J, Lin Y-S, Kang B-H. Middle turbinate osteoma presenting with ipsilateral facial pain, epiphora, and nasal obstruction. 2003;128:282-3 (Case rep.)
Lin C-T (*see* Chiang et al). 2003;128:805-14
Lin H-C, Su C-Y, Huang C-C, Hwang C-F, Chien C-Y. Kikuchi's disease: a review and analysis of 61 cases. 2003;128:650-3
Lin L-M (*see* Chen et al). 2003;128:581-2 (Case rep.)
Lin Y (*see* Yi et al). 2003;128:777-82
Lin Y-S (*see* Lin et al). 2003;128:282-3 (Case rep.)
Lloyd KM (*see* Stierman et al). 2003;128:795-801
López-Cortijo C (*see* Pinilla et al). 2003;128:124-31
Lozano de Arnilla García (*see* Pérez Fernández et al). 2003;128:592-4 (Case rep.)
Luca-Pytell DM (*see* Stierman et al). 2003;128:795-801
Lucas JB, Salyer RD, Watson DW. Gangrenous primary cutaneous mucormycosis of the scalp in and iatrogenically immunosuppressed trauma patient. 2003;128:912-4 (Case rep.)
Luntz M (*see* Brodsky et al). 2003;128:887-90 (Case rep.)
Lurie M (*see* Brodsky et al). 2003;128:887-90 (Case rep.)

M

Maas CS (*see* Bloch et al). 2003;128:523-9
Maciorowski Z (*see* El-Rayes et al). 2003;128:169-77
Maddalozzo J (*see* Wei et al). 2003;128:287-9 (Case rep.)
Mair EA (*see* Brietzke and Mair). 2003;128:605-15
Mair EA (*see* Zakaluzny et al). 2003;128:478-88
Manaligod JM (*see* Milam et al). 2003;128:428-9 (Case rep.)
Manolopoulos L (*see* Yiotakis et al). 2003;128:200-9
Martin E (*see* Pérez et al). 2003;128:372-81
Martin PA, Church CA, Petty GH Jr, Hedayi R. Visual loss after intraturbinate steroid injections. 2003;128:280-1 (Case rep.)
Martínez CL (*see* Ramírez et al). 2003;128:771-6
Martínez RL (*see* Ramírez et al). 2003;128:165-6 (Clin. photo.)
Martin-Mora J (*see* Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
Marzo S (*see* Brockenbrough et al). 2003;128:726-31

Matai V, Cheesman AD, Clarke PM. Cricothyroid approximation and thyroid chondroplasty: a patient survey. 2003;128:841-7
Mathog RH (*see* Toma et al). 2003;128:215-19
Matsunaga T (*see* Nakada et al). 2003;128:632-9
Mattucci KF (*see* Setzen et al). 2003;128:99-102
McCook B (*see* Zimmer et al). 2003;128:178-84
Meleca RJ (*see* Toma et al). 2003;128:215-19
Mello JF Jr (*see* Mion et al). 2003;128:27-31
Meltzer C (*see* Zimmer et al). 2003;128:178-84
Melugin MB (*see* Woodson et al). 2003;128:142-4 (Case rep.)
Messner AH (*see* Lalakea and Messner). 2003;128:746-52
Metson R. Image-guided sinus surgery: lessons learned from the first 1000 cases. 2003;128:8-13
Milam M, Hill SA, Manaligod JM. Lingual dermoid cysts. 2003;128:428-9 (Case rep.)
Milczuk HA. Intralesional cidofovir for the treatment of severe juvenile recurrent respiratory papillomatosis: long-term results in four children. 2003;128:788-94
Miller RS, Steward DL, Tami RA, Sillars MJ, Seiden AM, Shete M, Paskowski C, Welge J. The clinical effects of hyaluronic acid ester nasal dressing (Merogel) on intranasal wound healing after functional endoscopic sinus surgery. 2003;128:862-9
Miniti A (*see* Mion et al). 2003;128:27-31
Mion O, Mello JF Jr, Lessa MM, Goto EY, Miniti A. The role of rhinitis in chronic otitis media. 2003;128:27-31
Miselevich I (*see* Brodsky et al). 2003;128:887-90 (Case rep.)
Miyamoto T (*see* Harada et al). 2003;128:439-40 (Case rep.)
Moore BA, Rutter MJ, Cotton R, Werkhaven J. Maffucci's syndrome and cartilaginous neoplasms of the trachea. 2003;128:583-6 (Case rep.)
Moorthy SS, Radpour S. Tracheal stromal recurrence after tonsillar cancer. 2003;128:769-70 (Clin. photo.)
Morales-Salas M (*see* Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
Moreau S (*see* Babin et al). 2003;128:236-9
Morera E (*see* Bernáldez et al). 2003;128:700-5
Moyer MT (*see* Isaacson et al). 2003;128:706-10
Muñoz-Borge F (*see* Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
Murofushi T (*see* Nakahara and Murofushi). 2003;128:598-600 (Case rep.)
Murphy M (*see* Kacker et al). 2003;128:228-35
Murr AH (*see* Visosky et al). 2003;128:447-51
Murray AD (*see* Ratcliff et al). 2003;128:783-7
Myssiorek D (*see* Reilly and Myssiorek). 2003;128:530-3

N

Naclerio RM, Baroody FM, Bidani N, de Tineo M, Penney BC. A comparison of nasal clearance after treatment of perennial allergic rhinitis with budesonide and mometasone. 2003;128:220-7
Nakada H, Kase Y, Matsunaga T, Komoda T, Iinuma T. Caspase 3 activation in nasal capillary in patients with epistaxis. 2003;128:632-9
Nakahara H, Murofushi T. Congenital-type nystagmus in Arnold-Chiari malformation. 2003;128:598-600 (Case rep.)
Nakamura K, Toda N, Sakamaki K, Kashima K, Takeda N. Biofeedback rehabilitation for prevention of synkinesis after facial palsy. 2003;128:539-43
Nam JI (*see* Choi et al). 2003;128:691-9
Nesbit GM (*see* Hwang et al). 2003;128:489-96
Netzer A (*see* Goldenberg et al). 2003;128:358-63
Netzer A (*see* Golz et al). 2003;128:565-70
Ng V (*see* Visosky et al). 2003;128:447-51
Nicol T (*see* Pai et al). 2003;128:442-4 (Case rep.)
Nikanne E (*see* Kokki et al). 2003;128:273-9
Nikolopoulos T (*see* Yiotakis et al). 2003;128:200-9
Niparko JK (*see* Rothbaum et al). 2003;128:71-7
Nopper AJ (*see* Werle et al). 2003;128:906-9 (Case rep.)
Norman G (*see* Hone et al). 2003;128:257-62
Nousia C-S (*see* Danielides et al). 2003;128:430-2 (Case rep.)
Nyquist GG, Hagr A, Sobol SE, Hier MP, Black MJ. Octreotide in the medical treatment of chyle fistula. 2003;128:910-11 (Case rep.)

O

Odland RM, Kizziar R, Rheuark D, Simental A. The effect of capillary ultrafiltration probes on skin flap edema. 2003;128:210-14
Ogut F (*see* Bilgen et al). 2003;128:382-6
O'Halloran LR. The lateral crural J-flap repair of nasal valve collapse. 2003;128:640-9
Okada PJ (*see* Ratcliff et al). 2003;128:783-7
Olschwang D (*see* Cohen et al). 2003;128:753-4 (Case rep.)
Önal B (*see* Kocatürk et al). 2003;128:407-11
Ong KL (*see* Huang et al). 2003;128:510-16
Ookouchi Y, Honda N, Gyo K. Salivary gland choristoma of the middle ear in a child: a case report. 2003;128:160-2 (Case rep.)
Orabi AA, Riad MA. Bilateral external laryngoceles in a bagpiper: a case report. 2003;128:293-5 (Case rep.)
Osguthorpe JD. A year of major changes for residencies and fellowships. 2003;128:167-8 (Commentary)
Osguthorpe JD (*see* Chu and Osguthorpe). 2003;128:663-73
Ostrowski, VB, Kartush JM. Endolymphatic sac-vein decompression for intractable Meniere's disease: long-term treatment results. 2003;128:550-9
Ostrowski VB, Bojrab DI. Minimally invasive laser contraction myringoplasty for tympanic membrane atelectasis. 2003;128:711-18
Otto RA (*see* Greene et al). 2003;128:191-5
Özkaptan Y (*see* Gerek et al). 2003;128:761-3 (Case rep.)
Ozturan O (*see* Kalcioglu et al). 2003;128:560-4

P

Pai SI, Limb CJ, Nicol T, Williams MF. Leiomyosarcoma of the auricle. 2003;128:442-4 (Case rep.)
Pan W-L (*see* Dai et al). 2003;128:137-41
Pan W-L (*see* Hao et al). 2003;128:571-5
Park SN, Yeo SW, Suh B-D. Cavernous sinus thrombophlebitis secondary to petrous apicitis: a case report. 2003;128:284-6 (Case rep.)
Parke RB Jr (*see* Beaver et al). 2003;128:103-8
Parker SW (*see* Krebs et al). 2003;128:240-50
Pasche P (*see* Pellanda et al). 2003;128:301-2 (Case rep.)
Paskowski C (*see* Miller et al). 2003;128:862-9
Pastor SG (*see* Ramírez et al). 2003;128:771-6
Peleg M (*see* Talmi et al). 2003;128:196-9
Pellanda A, Zagury S, Pasche P. Parapharyngeal lipoma causing obstructive sleep apnea syndrome. 2003;128:301-2 (Case rep.)
Peng C-L (*see* Chiang et al). 2003;128:805-14
Penney BC (*see* Naclerio et al). 2003;128:220-7
Pérez Fernández CA, Armengot Carcellar M, Alba García JR, Lozano de Arnilla García, Basterra Alegría J. Sudden deafness as a manifestation of the rupture of a cerebral arteriovenous malformation. 2003;128:592-4 (Case rep.)
Pérez N, Martin E, Garcia-Tapia R. Dizziness: relating the severity of vertigo to the degree of handicap by measuring vestibular impairment. 2003;128:372-81
Perez R (*see* Cohen and Perez). 2003;128:441 (Case rep.)
Perez R (*see* Cohen et al). 2003;128:753-4 (Case rep.)
Périé S (*see* Brasnu et al). 2003;128:902-3 (Case rep.)
Perlman PW (*see* Setzen et al). 2003;128:99-102

Petty GH Jr (*see* Martin et al). 2003;128:280-1 (Case rep.)
Phillips LG (*see* Stierman et al). 2003;128:795-801
Picken C (*see* Ducic et al). 2003;128:426-7 (Case rep.)
Pietraszkiewicz H (*see* El-Rayes et al). 2003;128:169-77
Pinedo R (*see* Benavides et al). 2003;128:894-6 (Case rep.)
Pinilla M, Ramírez-Camacho R, Salas C, González F, López-Cortijo C, Vergara J. Development of interface in hydroxyapatite implanted in the middle ear of the rat: a light and scanning microscopy study. 2003;128:124-31
Pollak L, Klein C, Rafael S, Vera K, Rabey JM. Anxiety in the first attack of vertigo. 2003;128:829-34
Postma GN (*see* Johnson et al). 2003;128:452-4
Powell JR (*see* Aferzon et al). 2003;128:897-901 (Case rep.)
Prado-Mediano F (*see* Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
Praud J-P (*see* Dorion and Praud). 2003;128:463-9
Purcell D, Johnson J, Fischbein N, Lalwani AK. Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations. 2003;128:78-87

Q

Quraishi HA (*see* Youssef and Quraishi). 2003;128:758-60 (Case rep.)
Quraishi S (*see* Raghavan et al). 2003;128:419-25

R

Rabey JM (*see* Pollak et al). 2003;128:829-34
Radpour S (*see* Chadha et al). 2003;128:769-70 (Clin. photo.)
Rafael S (*see* Pollak et al). 2003;128:829-34
Raghavan U, Quraishi S, Bradley PJ. Multiple primary tumors in patients diagnosed with hypopharyngeal cancer. 2003;128:419-25
Rajshekhar V (*see* Rupa et al). 2003;128:823-8
Ramirez JV (*see* Krebs et al). 2003;128:240-50
Ramírez MJF, Domingo MA, Martínez CL, Izquierdo ES, Pastor SG, Ariño CM, Hernández-Mijares A. Transient rise in intact parathyroid hormone concentration after surgery for parathyroid adenoma. 2003;128:771-6
Ramírez MJF, Galofre JD, Doménech FG, Martínez RL. An unusual otomicroscopy diagnosis. 2003;128:165-6 (Clin. photo.)
Ramírez-Camacho R (*see* Pinilla et al). 2003;128:124-31
Ratcliff DJ, Okada PJ, Murray AD. Evaluation of pediatric lateral oropharyngeal trauma. 2003;128:783-7
Rauch SD (*see* Kentala and Rauch). 2003;128:54-9
Rechberger T (*see* Bogusiewicz et al). 2003;128:132-6
Reidy PM, Dworkin JP, Krouse JH. Laryngeal effects of antigen stimulation challenge with the perennial allergen *Dermatophagoides pteronyssinus*. 2003;128:455-62
Reilly J, Myssiorek D. Facial nerve stimulation and postparotidectomy facial paresis. 2003;128:530-3
Reiter D (*see* Agrama et al). 2003;128:185-90
Rha KS, Byun SN, Kim TH, Kim YM. Bilateral juvenile nasopharyngeal angiofibroma. 2003;128:891-3 (Case rep.)
Rheuark D (*see* Odland et al). 2003;128:210-14
Riad MA (*see* Orabi and Riad). 2003;128:293-5 (Case rep.)
Richards SV, Welch DC, Burkey BB, Bayles SW. Alveolar soft part sarcoma of the mandible. 2003;128:148-50 (Case rep.)
Riechelmann H (*see* Gronau et al). 2003;128:674-80
Roffman EJ (*see* Catalano and Roffman). 2003;128:875-81
Rosenfeld RM. Uncertainty-based medicine. 2003;128:5-7 (Commentary)
Rosenfeld RM (*see* Kay and Rosenfeld). 2003;128:17-26
Rosenfeld RM (*see* Sohn and Rosenfeld). 2003;128:344-52
Ross AT, Kazahaya K, Tom LWC. Revisiting outpatient tonsillectomy in young children. 2003;128:326-31
Rothbaum DL, Roy J, Hager GD, Taylor RH, Whitcomb LL, Francis HW, Niparko JK. Task performance in stapedotomy: comparison between surgeons of different experience levels. 2003;128:71-7
Rowley H (*see* Thornton et al). 2003;128:802-4
Roy J (*see* Rothbaum et al). 2003;128:71-7
Rupa V, Job A, George M, Rajshekhar V. Cost-effective initial screening for vestibular schwannoma: auditory brainstem response or magnetic resonance imaging. 2003;128:823-8
Rutter MJ (*see* Moore et al). 2003;128:583-6 (Case rep.)

S

Sakamaki K (*see* Nakamura et al). 2003;128:539-43
Salas C (*see* Pinilla et al). 2003;128:124-31
Salman SD (*see* Busaba and Salman). 2003;128:517-22
Salyer RD (*see* Lucas et al). 2003;128:912-4 (Case rep.)
Samím E (*see* Dursun et al). 2003;128:764-5 (Case rep.)
Sanelli PC (*see* Jen et al). 2003;128:157-9 (Case rep.)
Sarno A (*see* Gallo et al). 2003;128:654-62
Saurejan A (*see* Woodson et al). 2003;128:353-7
Schaller B, Baumann A. Headache after removal of vestibular schwannoma via the retrosigmoid approach: a long-term follow-up study. 2003;128:387-95
Scheuller MC (*see* Bloch et al). 2003;128:523-9
Schlosser RJ, Bolger WE. Significance of empty sella in cerebrospinal fluid leaks. 2003;128:32-8
Schneider B, Denk D-M, Bigenzahn W. Acoustic assessment of the voice quality before and after medialization thyroplasty using the titanium vocal fold medialization implant (TVFMI). 2003;128:815-22
Schoem SR (*see* Klein et al). 2003;128:145-7 (Case rep.)
Schuler HG (*see* Isaacson et al). 2003;128:706-10
Scott KJ, Simko E. Thoracoscopic management of thoracic duct injuries: an alternative approach. 2003;128:755-7 (Case rep.)
Seiden AM (*see* Miller et al). 2003;128:862-9
Selesnick SH (*see* Banthia and Selesnick). 2003;128:882-6
Setzen M, Cohen MA, Perlman PW, Belafsky PC, Guss J, Mattucci KF, Ditkoff M. The association between laryngopharyngeal sensory deficits and pharyngeal motor function, and the prevalence of aspiration with thin liquids. 2003;128:99-102
Sharf B (*see* Brodsky et al). 2003;128:887-90 (Case rep.)
Sheng W (*see* Su et al). 2003;128:412-18
Shete M (*see* Miller et al). 2003;128:862-9
Shiao A-S (*see* Tsai et al). 2003;128:436-8 (Case rep.)
Shlomi B (*see* Gil et al). 2003;128:681-5
Sillars MJ (*see* Miller et al). 2003;128:862-9
Simental A (*see* Odland et al). 2003;128:210-14
Simko E (*see* Scott and Simko). 2003;128:755-7 (Case rep.)
Skoulas JG, Helidonis E, Kountakis SE. Evaluation of sinusitis in the intensive care unit patient. 2003;128:503-9
Slattery WH III (*see* Doherty and Slattery). 2003;128:88-91
Snyderman C (*see* Zimmer et al). 2003;128:178-84
Sobol SE (*see* Nyquist et al). 2003;128:910-11 (Case rep.)
Sohn H, Rosenfeld RM. Evaluation of sleep-disordered breathing in children. 2003;128:344-52
Son EJ (*see* Choi et al). 2003;128:691-9
Spektor S (*see* Gil et al). 2003;128:43-7
Spektor S (*see* Gil et al). 2003;128:681-5
Spitzer JB (*see* Zadeh et al). 2003;128:92-8
Staffieri A (*see* Khademi et al). 2003;128:296-7 (Case rep.)
Stasney CR (*see* Beaver et al). 2003;128:103-8
Stavroulaki P (*see* Yiotakis et al). 2003;128:200-9
Steenerson RL (*see* Cronin and Steenerson). 2003;128:534-8
Stevens GR (*see* Tsao et al). 2003;128:870-4
Steward DL (*see* Miller et al). 2003;128:862-9
Steward DL (*see* Woodson et al). 2003;128:848-61

Stewart MG (*see* Beaver et al). 2003;128:103-8
Stewart MG (*see* Johnson et al). 2003;128:332-43
St Guily JL (*see* Brasnu et al). 2003;128:902-3 (Case rep.)
Stierman KL, Lloyd KM, Luca-Pytell DM, Phillips LG, Calhoun KH. Treatment and outcome of human bites in the head and neck. 2003;128:795-801
Storper IS (*see* Zadeh et al). 2003;128:92-8
Stryjecka-Zimmer M (*see* Bogusiewicz et al). 2003;128:132-6
Su C-Y (*see* Lin et al). 2003;128:650-3
Su W-F, Hsia Y-J, Chang Y-C, Chen S-G, Sheng W. Functional comparison after reconstruction with a radial forearm free flap or a pectoralis major flap for cancer of the tongue. 2003;128:412-18
Suh B-D (*see* Park et al). 2003;128:284-6 (Case rep.)
Surash S (*see* Wei et al). 2003;128:287-9 (Case rep.)
Sutay S, Erdag TK, Ikiz AO, Guneri EA. Large submandibular gland calculus with perforation of floor of the mouth. 2003;128:587-8 (Case rep.)
Swarts JD (*see* Doyle et al). 2003;128:732-41
Szymanski M (*see* Bogusiewicz et al). 2003;128:132-6

T

Takahashi M (*see* Harada et al). 2003;128:439-40 (Case rep.)
Takeda N (*see* Nakamura et al). 2003;128:539-43
Talmi YP, Bedrin L, Dori S, Horowitz Z, Wolf M, Yahalom R, Peleg M, Teicher S, Kronenberg J. Amputation neuromas after neck dissection. 2003;128:196-9
Tami RA (*see* Miller et al). 2003;128:862-9
Taylor RH (*see* Rothbaum et al). 2003;128:71-7
Teicher S (*see* Talmi et al). 2003;128:196-9
Teknos RN (*see* Wong et al). 2003;128:905-6 (Clin. photo.)
Thornton MA, Rowley H, Timon C. A modified technique for nitinol stent insertion in the tracheobronchial tree. 2003;128:802-4
Timon C (*see* Thornton et al). 2003;128:802-4
Toboada EM (*see* Werle et al). 2003;128:906-9 (Case rep.)
Toda N (*see* Nakamura et al). 2003;128:539-43
Tom LWC (*see* Ross et al). 2003;128:326-31
Toma RS (*see* Toma et al). 2003;128:215-19
Toma VS, Mathog RH, Toma RS, Meleca RJ. Transoral versus extraoral reduction of mandible fractures: a comparison of complication rates and other factors. 2003;128:215-19
Tong MCF (*see* Tsang et al). 2003;128:497-502
Topham A (*see* Agrama et al). 2003;128:185-90
Totan S (*see* Bilgen et al). 2003;128:382-6
Townsend DW (*see* Zimmer et al). 2003;128:178-84
Tregnaghi A (*see* Khademi et al). 2003;128:296-7 (Case rep.)
Trokel S (*see* Kacker et al). 2003;128:228-35
Tsai C-J, Guo Y-C, Tsai T-L, Shiao A-S. Zygomatic abscess complicating a huge mastoid cholesteatoma with intact eardrum. 2003;128:436-8 (Case rep.)
Tsai T-L (*see* Tsai et al). 2003;128:436-8 (Case rep.)
Tsang N-M (*see* Dai et al). 2003;128:137-41
Tsang RKY, Tong MCF, Woo JKS, van Hasselt CA. A prospective study on the efficacy of mometasone furoate monohydrate aqueous nasal spray on Chinese patients with allergic rhinitis. 2003;128:497-502
Tsao BA, Stevens GR, Antonelli PJ. Opening plugged tympanostomy tubes: effect of tube composition. 2003;128:870-4
Tsutsumi Y (*see* Harada et al). 2003;128:439-40 (Case rep.)

U

Ümittalas D (*see* Gerek et al). 2003;128:761-3 (Case rep.)
Uri N, Doweck I, Cohen-Kerem R, Greenberg E. Acyclovir in the treatment of idiopathic sudden sensorineural hearing loss. 2003;128:544-9
Ürünal B (*see* Kocatürk et al). 2003;128:407-11
Uzun H (*see* Doner et al). 2003;128:742-5

V

Valdazo A (*see* Babin et al). 2003;128:236-9
van Hasselt CA (*see* Tsang et al). 2003;128:497-502
Veller B (*see* Brodsky et al). 2003;128:887-90 (Case rep.)
Vera K (*see* Pollak et al). 2003;128:829-34
Vergara J (*see* Pinilla et al). 2003;128:124-31
Vermeersch H (*see* Danielides et al). 2003;128:430-2 (Case rep.)
Virtaniemi J (*see* Kokki et al). 2003;128:273-9
Visosky AM, Murr AH, Ng V, Dentoni T, Weir L, Haller BL. Multiple-use atomizers in outpatient otolaryngology clinics are not necessarily an infectious risk. 2003;128:447-51
Vora NM, Levin RJ. Metastatic leiomyosarcoma to the tongue. 2003;128:601-2 (Case rep.)

W

Wackym PA (*see* Halum et al). 2003;128:364-71
Wang DY (*see* Huang et al). 2003;128:510-16
Wasinwong Y, Chaipasithikul S, Kanchanapitak P. Eustachian tube mature teratoma. 2003;128:589-91 (Case rep.)
Watson DW (*see* Lucas et al). 2003;128:912-4 (Case rep.)
Wax MK (*see* Kaylie et al). 2003;128:109-14
Weaver EM (*see* Woodson et al). 2003;128:848-61
Wei JL, Surash S, Maddalozzo J, Gerber ME. Marble in the right main-stem bronchus: management. 2003;128:287-9 (Case rep.)
Weir L (*see* Visosky et al). 2003;128:447-51
Weitzel E (*see* Beaver et al). 2003;128:103-8
Welch DC (*see* Richards et al). 2003;128:148-50 (Case rep.)
Welge J (*see* Miller et al). 2003;128:862-9
Werkhaven J (*see* Moore et al). 2003;128:583-6 (Case rep.)
Werle AH, Kirse DJ, Nopper AJ, Toboada EM. Osseous hemangioma of the maxilla in an infant. 2003;128:906-9 (Case rep.)
Wernick-Robinson M (*see* Krebs et al). 2003;128:240-50
Westerman LM (*see* Golz et al). 2003;128:565-70
Westerman ST (*see* Golz et al). 2003;128:565-70
Whitcomb LL (*see* Rothbaum et al). 2003;128:71-7
Wiatrak BJ (*see* Willging and Wiatrak). 2003;128:318-25
Willging JP, Wiatrak BJ. Harmonic scalpel tonsillectomy in children: a randomized prospective study. 2003;128:318-25
Williams MF (*see* Pai et al). 2003;128:442-4 (Case rep.)
Wolf M (*see* Talmi et al). 2003;128:196-9
Woll S (*see* Ducic et al). 2003;128:426-7 (Case rep.)
Wong A, Johns MM, Teknos RN. Marjolin's ulcer arising in a previously grafted burn of the scalp. 2003;128:915-6 (Clin. photo.)
Woo JKS (*see* Tsang et al). 2003;128:497-502
Wood WE (*see* Aferzon et al). 2003;128:897-901 (Case rep.)
Woodson BT, Hanson PR, Melugin MB, Gama AA. Sequential upper airway changes during mandibular distraction for obstructive sleep apnea. 2003;128:142-4 (Case rep.)
Woodson BT, Saurejan A, Brusky LT, Han JK. Nonattended home automated continuous positive airway pressure titration: comparison with polysomnography. 2003;128:353-7
Woodson BT, Steward DL, Weaver EM, Javaheri S. A randomized trial of temperature-controlled radiofrequency, continuous positive airway pressure, and placebo for obstructive sleep apnea. 2003;128:848-61
Wright CC (*see* Johnson et al). 2003;128:332-43
Wurster R (*see* Brockenbrough et al). 2003;128:726-31

Y

Yahalom R (*see* Talmi et al). 2003;128:196-9
Yang J (*see* Yi et al). 2003;128:777-82

Yang T-L, Hsu M-M. Occult foreign body aspiration in adults. 2003;128:154-6 (Case rep.)
Yariktas M (*see* Doner et al). 2003;128:742-5
Yeh H-C (*see* Dai et al). 2003;128:137-41
Yeh S-Y, Cheng P-W. Concurrent intracranial and extracranial complications secondary to cholesteatoma: a case report. 2003;128:163-4
Yeo SW (*see* Park et al). 2003;128:284-6 (Case rep.)
Yeoh KH (*see* Huang et al). 2003;128:510-16
Yi Z, Yang J, Li Z, Zhou A, Lin Y. Bilateral congenital absence of stapes and oval window in 2 members of a family: etiology and management. 2003;128:777-82
Yilmazer D (*see* Kocatürk et al). 2003;128:407-11
Yiotakis J, Stavroulaki P, Nikolopoulos T, Manolopoulos L, Kandiloros D, Ferekidis E, Adamopoulos G. Partial laryngectomy after irradiation failure. 2003;128:200-9
Yoon HC (*see* Choi et al). 2003;128:691-9
Young MRI (*see* Brockenbrough et al). 2003;128:726-31
Youssef JS, Quraishi HA. Cervicofacial hemangioma and its association with PHACE syndrome. 2003;128:758-60 (Case rep.)

Z

Zadeh MH, Storper IS, Spitzer JB. Diagnosis and treatment of sudden-onset sensorineural hearing loss: a study of 51 patients. 2003;128:92-8
Zagury S (*see* Pellanda et al). 2003;128:301-2 (Case rep.)
Zakaluzny SA, Lane JD, Mair EA. Complications of tracheobronchial airway stents. 2003;128:478-88
Zeitels SM. 2003;128:603-4 (Reply)
Zhou A (*see* Yi et al). 2003;128:777-82
Zimmer LA, McCook B, Meltzer C, Fukui M, Bascom D, Snyderman C, Townsend DW, Johnson JT. Combined positron emission tomography/computed tomography imaging of recurrent thyroid cancer. 2003;128:178-84

SUBJECT INDEX*

A

Abscess
Zygomatic abscess complicating a huge mastoid cholesteatoma with intact eardrum (Tsai et al). 2003;128:436-8 (Case rep.)

Activities of daily life
Increased independence and decreased vertigo after vestibular rehabilitation (Cohen and Kimball). 2003;128:60-70

Acyclovir
Acyclovir in the treatment of idiopathic sudden sensorineural hearing loss (Uri et al). 2003;128:544-9

Adenoma
Transient rise in intact parathyroid hormone concentration after surgery for parathyroid adenoma (Ramírez et al). 2003;128:771-6

Adipose tissue
Internal jugular phlebectasia surrounded by mature adipose tissue (Gerek et al). 2003;128:761-3 (Case rep.)

Administration, intranasal
A prospective study on the efficacy of mometasone furoate monohydrate aqueous nasal spray on Chinese patients with allergic rhinitis (Tsang et al). 2003;128:497-502

Aged
Systematic approach to benign positional paroxysmal vertigo in the elderly (Agneli et al). 2003;128:719-25

Airway obstruction
Complications of tracheobronchial airway stents (Zakaluzny et al). 2003;128:478-88
The lateral crural J-flap repair of nasal valve collapse (O'Halloran). 2003;128:640-9
A modified technique for nitinol stent insertion in the tracheobronchial tree (Thornton et al). 2003;128:802-4

Algorithms
A practical assessment algorithm for diagnosis of dizziness (Kentala and Rauch). 2003;128:54-9

Ambulatory care
Multiple-use atomizers in outpatient otolaryngology clinics are not necessarily an infectious risk (Visosky et al). 2003;128:447-51

Ambulatory surgical procedures
Revisiting outpatient tonsillectomy in young children (Ross et al). 2003;128:326-31

Anesthesia, topical
Topical nasal anesthesia for transnasal fiberoptic laryngoscopy: a prospective, double-blind, cross-over study (Johnson et al). 2003;128:452-4

Angiofibroma
Bilateral juvenile nasopharyngeal angiofibroma (Rha et al). 2003;128:891-3 (Case rep.)
Massive facial angiofibroma in a patient with tuberous sclerosis (Earnest et al). 2003;128:151-3 (Case rep.)

Ankyloglossia
Ankyloglossia: the adolescent and adult perspective (Lalakea and Messner). 2003;128:746-52

Antigen stimulation
Laryngeal effects of antigen stimulation challenge with the perennial allergen *Dermatophagoides pteronyssinus* (Reidy et al). 2003;128:455-62

Antiviral agents
Diagnosis and treatment of sudden-onset sensorineural hearing loss: a study of 51 patients (Zadeh et al). 2003;128:92-8

Anxiety
Anxiety in the first attack of vertigo (Pollak et al). 2003;128:829-34

Apnea
The larynx and neonatal apneas (Dorion and Praud). 2003;128:463-9

Apoptosis
Caspase 3 activation in nasal capillary in patients with epistaxis (Nakada et al). 2003;128:632-9

Arnold-Chiari malformation
Congenital-type nystagmus in Arnold-Chiari malformation (Nakahara and Murofushi). 2003;128:598-600 (Case rep.)

Arteriovenous fistula
Intrasphenoid mycotic aneurysm of the internal carotid artery (Brodsky et al). 2003;128:887-90 (Case rep.)

Aspiration
The association between laryngopharyngeal sensory deficits and pharyngeal motor function, and the prevalence of aspiration with thin liquids (Setzen et al). 2003;128:99-102
Marble in the right main-stem bronchus: management (Wei et al). 2003;128:287-9 (Case rep.)
Occult foreign body aspiration in adults (Yang and Hsu). 2003;128:154-6 (Case rep.)

Atelectasis
Minimally invasive laser contraction myringoplasty for tympanic membrane atelectasis (Ostrowski and Bojrab). 2003;128:711-18

Atomizers. *see* Nebulizers and vaporizers

Audiometry, evoked response
The use of cortical evoked response audiometry in the assessment of noise-induced hearing loss (Hone et al). 2003;128:257-62

Auditory brainstem response
Cost-effective initial screening for vestibular schwannoma: auditory brainstem response or magnetic resonance imaging (Rupa et al). 2003;128:823-8

Auricle
Leiomyosarcoma of the auricle (Pai et al). 2003;128:442-4 (Case rep.)

Autologous fat grafting
Autologous fat grafting for the refractory Eustachian tube (Doherty and Slattery). 2003;128:88-91

B

Bagpipes
Bilateral external laryngoceles in a bagpiper: a case report (Orabi and Riad). 2003;128:293-5 (Case rep.)

Battered child syndrome
Child abuse and the otolaryngologist: part I (Crouse and Faust). 2003;128:305-10

Biofeedback
Biofeedback rehabilitation for prevention of synkinesis after facial palsy (Nakamura et al). 2003;128:539-43

Biopsy, needle
Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology (Khademi et al). 2003;128:296-7 (Case rep.)

Bites, human
Treatment and outcome of human bites in the head and neck (Stierman et al). 2003;128:795-801

Bone wax
Bone wax prevents nystagmus after labyrinthine fenestration in guinea pigs (Brockenbrough et al). 2003;128:726-31

*January, pp 1-166; February pp 167-304; March pp 305-446; April pp 447-604; May pp 605-770; June pp 771-938.

Branchial region
An unusual otomicroscopy diagnosis (Ramírez et al). 2003;128:165-6 (Clin. photo.)
Bronchi
Marble in the right main-stem bronchus: management (Wei et al). 2003;128:287-9 (Case rep.)
Budesonide
A comparison of nasal clearance after treatment of perennial allergic rhinitis with budesonide and mometasone (Naclerio et al). 2003;128:220-7

C

Canalith
Systematic approach to benign positional paroxysmal vertigo in the elderly (Agneli et al). 2003;128:719-25
Capillary ultrafiltration probes
The effect of capillary ultrafiltration probes on skin flap edema (Odland et al). 2003;128:210-14
Carcinoma
Functional comparison after reconstruction with a radial forearm free flap or a pectoralis major flap for cancer of the tongue (Su et al). 2003;128:412-18
Multivariate analysis of prognostic factors in T3 N0 laryngeal carcinoma treated with total laryngectomy (Gallo et al). 2003;128:654-62
Nonmelanoma cutaneous malignancy with regional metastasis (Chu and Osguthorpe). 2003;128:663-73
Carcinoma, medullary
A population-based analysis of survival factors in differentiated and medullary thyroid carcinoma (Bhattacharyya). 2003;128:115-23
Carcinoma, squamous cell
Comparison of DNA content parameters in paired, fresh tissue pretreatment biopsies and surgical resections from squamous cell carcinoma of the head and neck (El-Rayes et al). 2003;128:169-77
Gene polymorphisms in detoxification enzymes as susceptibility factor for head and neck cancer? (Gronau et al). 2003;128:674-80
Management of T3 N0 and T4 N0 glottic carcinomas: results of a national survey (Greene et al). 2003;128:191-5
Marjolin's ulcer arising in a previously grafted burn of the scalp (Wong et al). 2003;128:915-6 (Clin. photo.)
Multiple primary tumors in patients diagnosed with hypopharyngeal cancer (Raghavan et al). 2003;128:419-25
Nodal yield in neck dissection and the likelihood of metastases (Agrama et al). 2003;128:185-90
Carotid artery, internal
Intrasphenoid mycotic aneurysm of the internal carotid artery (Brodsky et al). 2003;128:887-90 (Case rep.)
Cartilaginous tumors
Maffucci's syndrome and cartilaginous neoplasms of the trachea (Moore et al). 2003;128:583-6 (Case rep.)
Case reports
Case reports. 2003;128:142-64, 280-302, 426-44, 581-602, 753-69, 887-911
Caspases
Caspase 3 activation in nasal capillary in patients with epistaxis (Nakada et al). 2003;128:632-9
Cavernous sinus thrombosis
Cavernous sinus thrombophlebitis secondary to petrous apicitis: a case report (Park et al). 2003;128:284-6 (Case rep.)
Cerebral arteries
Sudden deafness as a manifestation of the rupture of a cerebral arteriovenous malformation (Pérez Fernńdez et al). 2003;128:592-4 (Case rep.)
Cerebral veins
Sudden deafness as a manifestation of the rupture of a cerebral arteriovenous malformation (Pérez Fernńdez et al). 2003;128:592-4 (Case rep.)
Cerebrospinal fluid
Significance of empty sella in cerebrospinal fluid leaks (Schlosser and Bolger). 2003;128:32-8
Cheek
Hemangioma of the left cheek: a case report (Danielides et al). 2003;128:430-2 (Case rep.)
Child
Evaluation of pediatric lateral oropharyngeal trauma (Ratcliff et al). 2003;128:783-7
Evaluation of sleep-disordered breathing in children (Sohn and Rosenfeld). 2003;128:344-52
Harmonic scalpel tonsillectomy in children: a randomized prospective study (Willging and Wiatrak). 2003;128:318-25
Intralesional cidofovir for the treatment of severe juvenile recurrent respiratory papillomatosis: long-term results in four children (Milczuk). 2003;128:788-94
Quality of life for children with persistent sinonasal symptoms (Kay and Rosenfeld). 2003;128:17-26
Revisiting outpatient tonsillectomy in young children (Ross et al). 2003;128:326-31
Child abuse
Child abuse and the otolaryngologist: part I (Crouse and Faust). 2003;128:305-10
Child abuse and the otolaryngologist: part II (Crouse and Faust). 2003;128:311-17
Cholesteatoma
Concurrent intracranial and extracranial complications secondary to cholesteatoma: a case report (Yeh and Cheng). 2003;128:163-4
Efficacy of surgical treatment of chronic otitis media (Cruz et al). 2003;128:263-6
Zygomatic abscess complicating a huge mastoid cholesteatoma with intact eardrum (Tsai et al). 2003;128:436-8 (Case rep.)
Chondroplasty, thyroid
Cricothyroid approximation and thyroid chondroplasty: a patient survey (Matai et al). 2003;128:841-7
Choristoma
Salivary gland choristoma of the middle ear in a child: a case report (Ookouchi et al). 2003;128:160-2 (Case rep.)
Chyle
Octreotide in the medical treatment of chyle fistula (Nyquist et al). 2003;128:910-11 (Case rep.)
Cidofovir
Intralesional cidofovir for the treatment of severe juvenile recurrent respiratory papillomatosis: long-term results in four children (Milczuk). 2003;128:788-94
Clinical photographs
Clinical photographs. 2003;128:165-6, 769-70, 915-6 (Clin. photo.)
Cochlea
Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations (Purcell et al). 2003;128:78-87
Commentary
Uncertainty-based medicine (Rosenfeld). 2003;128:5-7
A year of major changes for residencies and fellowships (Osguthorpe). 2003;128:167-8
Concholith

Concholith: an usual case (Dursun et al). 2003;128:764-5 (Case rep.)

Constriction, pathologic

Surgery for prolonged parotid duct obstruction: a case report (Cohen et al). 2003;128:753-4 (Case rep.)

Continuous positive airway pressure

Nonattended home automated continuous positive airway pressure titration: comparison with polysomnography (Woodson et al). 2003;128:353-7

A randomized trial of temperature-controlled radiofrequency, continuous positive airway pressure, and placebo for obstructive sleep apnea (Woodson et al). 2003;128:848-61

Correspondence. *see* Letters to the editor

Cricothyroid approximation

Cricothyroid approximation and thyroid chondroplasty: a patient survey (Matai et al). 2003;128:841-7

Cysts

An alternative surgical procedure for the treatment of vocal fold retention cyst (Chang and Chang). 2003;128:470-7

Saccular cyst of the larynx (Evans). 2003;128:303-4 (Clin. photo.)

Cytokeratin. *see* Keratin

D

Deafness, sudden

Sudden deafness as a manifestation of the rupture of a cerebral arteriovenous malformation (Pérez Fernńdez et al). 2003;128:592-4 (Case rep.)

Decision support systems, clinical

Web-based clinical decision support system for triage of vestibular patients (Kinney). 2003;128:48-53

Decompression, surgical

Endolymphatic sac-vein decompression for intractable Meniere's disease: long-term treatment results (Ostrowski and Kartush). 2003;128:550-9

Dermatomycoses

Gangrenous primary cutaneous mucormycosis of the scalp in and iatrogenically immunosuppressed trauma patient (Lucas et al). 2003;128:912-4 (Case rep.)

Dermatophagoides pteronyssinus

Laryngeal effects of antigen stimulation challenge with the perennial allergen *Dermatophagoides pteronyssinus* (Reidy et al). 2003;128:455-62

Dermoid cyst

Lingual dermoid cysts (Milam et al). 2003;128:428-9 (Case rep.)

Diagnostic imaging

Diagnosis of laryngopharyngeal reflux disease with digital imaging (Beaver et al). 2003;128:103-8

Distraction osteogenesis. *see* Osteogenesis, distraction

Diverticulum

Jugular bulb diverticula: clinical and radiologic aspects (Bilgen et al). 2003;128:382-6

Dizziness

Dizziness: relating the severity of vertigo to the degree of handicap by measuring vestibular impairment (Pérez et al). 2003;128:372-81

A practical assessment algorithm for diagnosis of dizziness (Kentala and Rauch). 2003;128:54-9

DNA

Comparison of DNA content parameters in paired, fresh tissue pretreatment biopsies and surgical resections from squamous cell carcinoma of the head and neck (El-Rayes et al). 2003;128:169-77

Durapatite

Development of interface in hydroxyapatite implanted in the middle ear of the rat: a light and scanning microscopy study (Pinilla et al). 2003;128:124-31

E

Ear, middle

Bilateral myoclonus of the tensor tympani: a case report (Cohen and Perez). 2003;128:441 (Case rep.)

Development of interface in hydroxyapatite implanted in the middle ear of the rat: a light and scanning microscopy study (Pinilla et al). 2003;128:124-31

Salivary gland choristoma of the middle ear in a child: a case report (Ookouchi et al). 2003;128:160-2 (Case rep.)

Ear canal

Eccrine poroma in the external auditory canal (Harada et al). 2003;128:439-40 (Case rep.)

Mitomycin-C in the postsurgical ear canal (Banthia and Selesnick). 2003;128:822-6

Ear neoplasms

Leiomyosarcoma of the auricle (Pai et al). 2003;128:442-4 (Case rep.)

Eccrine glands

Eccrine poroma in the external auditory canal (Harada et al). 2003;128:439-40 (Case rep.)

Edema

The effect of capillary ultrafiltration probes on skin flap edema (Odland et al). 2003;128:210-14

Editorial

Editors and reviewers: supporting peer-reviewed publishing (Benninger). 2003;128:1-4

Electromyography

The effectiveness of neuromuscular facial retraining combined with electromyography in facial paralysis rehabilitation (Cronin and Steenerson). 2003;128:534-8

Emphysema, mediastinal. *see* Mediastinal emphysema

Emphysema, subcutaneous. *see* Subcutaneous emphysema

Empty sella syndrome

Significance of empty sella in cerebrospinal fluid leaks (Schlosser and Bolger). 2003;128:32-8

Enchondromatosis

Maffucci's syndrome and cartilaginous neoplasms of the trachea (Moore et al). 2003;128:583-6 (Case rep.)

Endolymphatic sac

Endolymphatic sac-vein decompression for intractable Meniere's disease: long-term treatment results (Ostrowski and Kartush). 2003;128:550-9

Endoscopy

The clinical effects of hyaluronic acid ester nasal dressing (Merogel) on intranasal wound healing after functional endoscopic sinus surgery (Miller et al). 2003;128:862-9

Endoscopic management of an intranasal hemangioma: a case report and literature review (Kelley). 2003;128:595-7 (Case rep.)

Ethmoid mucocele as a late complication of endoscopic ethmoidectomy (Busaba and Salman). 2003;128:517-22

Evaluation of middle meatal stenting after minimally invasive sinus techniques (Catalano and Roffman). 2003;128:875-81

New endoscopic secondary tracheoesophageal voice prothesis placement technique (Costa et al). 2003;128:686-90

Post-total laryngectomy Zenker's diverticulum: endoscopic stapled-assisted esophagodiverticulostomy (Brasnu et al). 2003;128:902-3 (Case rep.)

Enzymes

Gene polymorphisms in detoxification enzymes as susceptibility

factor for head and neck cancer? (Gronau et al). 2003;128: 674-80

Epistaxis
Caspase 3 activation in nasal capillary in patients with epistaxis (Nakada et al). 2003;128:632-9

Esophageal motility disorders
Changes of esophageal motility after total laryngectomy (Choi et al). 2003;128:691-9

Esophagus
Thirty-centimeter barbecue skewer hooked on the pharyngoesophageal junction of a health young adult (Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
An unusual sharp foreign body in the esophagus and its removal (Chadha et al). 2003;128:766-8 (Case rep.)

Ethmoidectomy
Ethmoid mucocele as a late complication of endoscopic ethmoidectomy (Busaba and Salman). 2003;128:517-22

Ethmoiditis
Protrusion of orbital content through dehiscence of lamina papyracea mimics: a case report (Chao). 2003;128:433-5 (Case rep.)

Ethmoid sinus
Ethmoid mucocele as a late complication of endoscopic ethmoidectomy (Busaba and Salman). 2003;128:517-22
Ewing's sarcoma of the ethmoid sinus (Aferzon et al). 2003;128: 897-901 (Case rep.)

Eustachian tube
Autologous fat grafting for the refractory Eustachian tube (Doherty and Slattery). 2003;128:88-91
Eustachian tube mature teratoma (Wasinwong et al). 2003;128: 589-91 (Case rep.)

Evidence-based medicine
An evidence-based review of the treatment of peritonsillar abscess (Johnson et al). 2003;128:332-43
Uncertainty-based medicine (Rosenfeld). 2003;128:5-7 (Commentary)

F

Face
Necrotizing fasciitis of the face: a report of one successfully treated case (Benavides et al). 2003;128:894-6 (Case rep.)

Facial neoplasms
Massive facial angiofibroma in a patient with tuberous sclerosis (Earnest et al). 2003;128:151-3 (Case rep.)

Facial nerve
The effectiveness of neuromuscular facial retraining combined with electromyography in facial paralysis rehabilitation (Cronin and Steenerson). 2003;128:534-8
Facial nerve stimulation and postparotidectomy facial paresis (Reilly and Myssiorek). 2003;128:530-3
A reliable radiologic landmark for the facial nerve in axial temporal bone computed tomography scans (Bance and Erb). 2003;128:251-6
Scarless lip rehabilitation for the adynamic lip (Bloch et al). 2003;128:523-9

Facial paralysis
Biofeedback rehabilitation for prevention of synkinesis after facial palsy (Nakamura et al). 2003;128:539-43
The effectiveness of neuromuscular facial retraining combined with electromyography in facial paralysis rehabilitation (Cronin and Steenerson). 2003;128:534-8
Facial nerve stimulation and postparotidectomy facial paresis (Reilly and Myssiorek). 2003;128:530-3
Scarless lip rehabilitation for the adynamic lip (Bloch et al). 2003;128:523-9

Facial translocation technique
The use of the facial translocation technique in the management of tumors of the paranasal sinuses and skull base (Hao et al). 2003;128:571-5

Fasciitis, necrotizing
Necrotizing fasciitis of the face: a report of one successfully treated case (Benavides et al). 2003;128:894-96 (Case rep.)

Fenestration, labyrinth
Bone wax prevents nystagmus after labyrinthine fenestration in guinea pigs (Brockenbrough et al). 2003;128:726-31
Task performance in stapedotomy: comparison between surgeons of different experience levels (Rothbaum et al). 2003;128: 71-7

Fibrosis
Angiocentric eosinophilic fibrosis (Goldman). 2003;128:445-6 (Clin. photo.)

Fistula
Octreotide in the medical treatment of chyle fistula (Nyquist et al). 2003;128:910-11 (Case rep.)

Floor of mouth. ***see*** **Mouth floor**

Foreign bodies
Concholith: an usual case (Dursun et al). 2003;128:764-5 (Case rep.)
Marble in the right main-stem bronchus: management (Wei et al). 2003;128:287-9 (Case rep.)
Occult foreign body aspiration in adults (Yang and Hsu). 2003; 128:154-6 (Case rep.)
Thirty-centimeter barbecue skewer hooked on the pharyngoesophageal junction of a health young adult (Galera-Ruiz et al). 2003;128:290-2 (Case rep.)
An unusual sharp foreign body in the esophagus and its removal (Chadha et al). 2003;128:766-8 (Case rep.)

Fossa
Anatomic variations of the arteries of the nasal fossa (Babin et al). 2003;128:236-9

G

Gelatinase A
Activity of matrix metalloproteinases-2 and −9 in advanced laryngeal cancer (Bogusiewicz et al). 2003;128:132-6

Gelatinase B
Activity of matrix metalloproteinases-2 and −9 in advanced laryngeal cancer (Bogusiewicz et al). 2003;128:132-6

Genes, neurofibromatosis 2
Gene discovery using a human vestibular schwannoma cDNA library constructed from a patient with neurofibromatosis type 2 (NF2) (Halum et al). 2003;128:364-71

Glottis
Management of T3 N0 and T4 N0 glottic carcinomas: results of a national survey (Greene et al). 2003;128:191-5

Graves' orbitopathy
"Balanced" orbital decompression for severe Graves' orbitopathy: technique with treatment algorithm (Kacker et al). 2003; 128:228-35

H

Hair
The role of hair shaving in skull base surgery (Gil et al). 2003; 128:43-7

Head
Treatment and outcome of human bites in the head and neck (Stierman et al). 2003;128:795-801

Headache
Headache after removal of vestibular schwannoma via the retrosigmoid approach: a long-term follow-up study (Schaller and Baumann). 2003;128:387-95
Head and neck neoplasms
Cervicofacial hemangioma and its association with PHACE syndrome (Youssef and Quraishi). 2003;128:758-60 (Case rep.)
Comparison of DNA content parameters in paired, fresh tissue pretreatment biopsies and surgical resections from squamous cell carcinoma of the head and neck (El-Rayes et al). 2003;128:169-77
Do micrometastases detected with cytokeratin immunoperoxidase reactivity affect the treatment approach to neck in supraglottic cancers? (Kocatürk et al). 2003;128:407-11
Ewing's sarcoma of the ethmoid sinus (Aferzon et al). 2003;128:897-901 (Case rep.)
Gene polymorphisms in detoxification enzymes as susceptibility factor for head and neck cancer? (Gronau et al). 2003;128:674-80
Hemangioma of the left cheek: a case report (Danielides et al). 2003;128:430-2 (Case rep.)
Management of T3 N0 and T4 N0 glottic carcinomas: results of a national survey (Greene et al). 2003;128:191-5
Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology (Khademi et al). 2003;128:296-7 (Case rep.)
Multiple primary tumors in patients diagnosed with hypopharyngeal cancer (Raghavan et al). 2003;128:419-25
Nodal yield in neck dissection and the likelihood of metastases (Agrama et al). 2003;128:185-90
Parapharyngeal lipoma causing obstructive sleep apnea syndrome (Pellanda et al). 2003;128:301-2 (Case rep.)
Hearing loss, conductive
Bilateral congenital absence of stapes and oval window in 2 members of a family: etiology and management (Yi et al). 2003;128:777-82
Hearing loss, noise-induced
The use of cortical evoked response audiometry in the assessment of noise-induced hearing loss (Hone et al). 2003;128:257-62
Hearing loss, sensorineural
Acyclovir in the treatment of idiopathic sudden sensorineural hearing loss (Uri et al). 2003;128:544-9
Diagnosis and treatment of sudden-onset sensorineural hearing loss: a study of 51 patients (Zadeh et al). 2003;128:92-8
Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations (Purcell et al). 2003;128:78-87
Hemangioma
Cervicofacial hemangioma and its association with PHACE syndrome (Youssef and Quraishi). 2003;128:758-60 (Case rep.)
Endoscopic management of an intranasal hemangioma: a case report and literature review (Kelley). 2003;128:595-7 (Case rep.)
Hemangioma of the left cheek: a case report (Danielides et al). 2003;128:430-2 (Case rep.)
Osseous hemangioma of the maxilla in an infant (Werle et al). 2003;128:906-9 (Case rep.)
Histiocytic necrotizing lymphadenitis
Kikuchi's disease: a review and analysis of 61 cases (Lin et al). 2003;128:650-3
Hyaluronic acid
The clinical effects of hyaluronic acid ester nasal dressing (Merogel) on intranasal wound healing after functional endoscopic sinus surgery (Miller et al). 2003;128:962-9
Hydroxyapatite. *see* Durapatite
Hyperparathyroidism
Transient rise in intact parathyroid hormone concentration after surgery for parathyroid adenoma (Ramírez et al). 2003;128:771-6
Hypersensitivity
Allergy and chronic rhinosinusitis (Krause). 2003;128:14-16
Hypopharyngeal neoplasms
Multiple primary tumors in patients diagnosed with hypopharyngeal cancer (Raghavan et al). 2003;128:419-25

I

Iatrogenic disease
Study of some "intrinsic risk factors" that can enhance an iatrogenic injury of the external branch of the superior laryngeal nerve (Furlan et al). 2003;128:396-400
Imaging, diagnostic. *see* Diagnostic imaging
Immunoenzyme techniques
Do micrometastases detected with cytokeratin immunoperoxidase reactivity affect the treatment approach to neck in supraglottic cancers? (Kocatürk et al). 2003;128:407-11
Independent living. *see* Activities of daily life
Infant, newborn
Inflammatory myofibroblastic tumor in the neonate: a case report (Klein et al). 2003;128:145-7 (Case rep.)
The larynx and neonatal apneas (Dorion and Praud). 2003;128:463-9
Osseous hemangioma of the maxilla in an infant (Werle et al). 2003;128:906-9 (Case rep.)
Infection
Allergy and chronic rhinosinusitis (Krause). 2003;128:14-16
Multiple-use atomizers in outpatient otolaryngology clinics are not necessarily an infectious risk (Visosky et al). 2003;128:447-51
Injections
Visual loss after intraturbinate steroid injections (Martin et al). 2003;128:280-1 (Case rep.)
Intensive care units
Evaluation of sinusitis in the intensive care unit patient (Skoulas et al). 2003;128:503-9
Internet
Web-based clinical decision support system for triage of vestibular patients (Kinney). 2003;128:48-53
Internship and residency
A year of major changes for residencies and fellowships (Osguthorpe). 2003;128:167-8 (Commentary)

J

Jugular veins
Internal jugular phlebectasia surrounded by mature adipose tissue (Gerek et al). 2003;128:761-3 (Case rep.)
Jugular bulb diverticula: clinical and radiologic aspects (Bilgen et al). 2003;128:382-6

K

Keratin
Do micrometastases detected with cytokeratin immunoperoxidase reactivity affect the treatment approach to neck in supraglottic cancers? (Kocatürk et al). 2003;128:407-11
Keratoacanthoma
Giant keratoacanthoma of the lower lip (Kyrmizakis et al). 2003;128:904-5 (Case rep.)
Keratoacanthoma of the tongue: a diagnostic problem (Chen et al). 2003;128:581-2 (Case rep.)

Kikuchi disease. *see* Histiocytic necrotizing lymphadenitis

L

Labyrinth
Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations (Purcell et al). 2003;128:78-87

Lamina papyracea
Protrusion of orbital content through dehiscence of lamina papyracea mimics: a case report (Chao). 2003;128:433-5 (Case rep.)

Laparoscopy
Cervical subcutaneous emphysema after lower abdominal laparoscopic surgery (Jen et al). 2003;128:157-9 (Case rep.)

Laryngeal neoplasms
Activity of matrix metalloproteinases-2 and −9 in advanced laryngeal cancer (Bogusiewicz et al). 2003;128:132-6
Intralesional cidofovir for the treatment of severe juvenile recurrent respiratory papillomatosis: long-term results in four children (Milczuk). 2003;128:788-94
Multivariate analysis of prognostic factors in T3 N0 laryngeal carcinoma treated with total laryngectomy (Gallo et al). 2003;128:654-62
Oncologic and functional results of near-total laryngectomy (Bernáldez et al). 2003;128:700-5
Partial laryngectomy after irradiation failure (Yiotakis et al). 2003;128:200-9

Laryngeal nerves
Study of some "intrinsic risk factors" that can enhance an iatrogenic injury of the external branch of the superior laryngeal nerve (Furlan et al). 2003;128:396-400

Laryngectomy
Changes of esophageal motility after total laryngectomy (Choi et al). 2003;128:691-9
Multivariate analysis of prognostic factors in T3 N0 laryngeal carcinoma treated with total laryngectomy (Gallo et al). 2003;128:654-62
Oncologic and functional results of near-total laryngectomy (Bernáldez et al). 2003;128:700-5
Partial laryngectomy after irradiation failure (Yiotakis et al). 2003;128:200-9
Post-total laryngectomy Zenker's diverticulum: endoscopic stapled-assisted esophagodiverticulostomy (Brasnu et al). 2003;128:902-3 (Case rep.)

Laryngoceles
Bilateral external laryngoceles in a bagpiper: a case report (Orabi and Riad). 2003;128:293-5 (Case rep.)

Laryngopharyngeal reflux
Diagnosis of laryngopharyngeal reflux disease with digital imaging (Beaver et al). 2003;128:103-8

Laryngoscopy
Topical nasal anesthesia for transnasal fiberoptic laryngoscopy: a prospective, double-blind, cross-over study (Johnson et al). 2003;128:452-4

Larynx
The association between laryngopharyngeal sensory deficits and pharyngeal motor function, and the prevalence of aspiration with thin liquids (Setzen et al). 2003;128:99-102
Laryngeal effects of antigen stimulation challenge with the perennial allergen *Dermatophagoides pteronyssinus* (Reidy et al). 2003;128:455-62
The larynx and neonatal apneas (Dorion and Praud). 2003;128:463-9
Saccular cyst of the larynx (Evans). 2003;128:303-4 (Clin. photo.)

Larynx, artificial
New endoscopic secondary tracheoesophageal voice prothesis placement technique (Costa et al). 2003;128:686-90
Simple and safe puncture technique for voice prothesis implantation (Lichtenberger). 2003;128:835-40

Laser surgery
Minimally invasive laser contraction myringoplasty for tympanic membrane atelectasis (Ostrowski and Bojrab). 2003;128:711-18

Leiomyosarcoma
Leiomyosarcoma of the auricle (Pai et al). 2003;128:442-4 (Case rep.)
Metastatic leiomyosarcoma to the tongue (Vora and Levin). 2003;128:601-2 (Case rep.)

Letters to the editor
Phonomicrosurgical techniques for treatment of RRP in children (Derkay) (Letter); (Zeitels) (Reply). 2003;128:603-4

Lip diseases
Scarless lip rehabilitation for the adynamic lip (Bloch et al). 2003;128:523-9

Lip neoplasms
Giant keratoacanthoma of the lower lip (Kyrmizakis et al). 2003;128:904-5 (Case rep.)

Lipoma
Parapharyngeal lipoma causing obstructive sleep apnea syndrome (Pellanda et al). 2003;128:301-2 (Case rep.)

Lymphadenitis, histiocytic necrotizing. *see* Histiocytic necrotizing lymphadenitis

Lymph nodes
Tuberculosis of the lymph glands of the neck: a limited role for surgery (Ammari et al). 2003;128:576-80

M

Maffucci syndrome. *see* Enchondromatosis

Magnetic resonance imaging
Cost-effective initial screening for vestibular schwannoma: auditory brainstem response or magnetic resonance imaging (Rupa et al). 2003;128:823-8

Mandible
Alveolar soft part sarcoma of the mandible (Richards et al). 2003;128:148-50 (Case rep.)
Sequential upper airway changes during mandibular distraction for obstructive sleep apnea (Woodson et al). 2003;128:142-4 (Case rep.)

Mandibular fractures
Transoral versus extraoral reduction of mandible fractures: a comparison of complication rates and other factors (Toma et al). 2003;128:215-19

Mandibulotomy
Complications of mandibulotomy: midline versus paramidline (Dai et al). 2003;128:137-41

Marjolin's ulcer
Marjolin's ulcer arising in a previously grafted burn of the scalp (Wong et al). 2003;128:915-6 (Clin. photo.)

Mastoid
Rate of nitrous oxide exchange across the middle ear mucosa in monkeys before and after blockage of the mastoid antrum (Doyle et al). 2003;128:732-41
Zygomatic abscess complicating a huge mastoid cholesteatoma with intact eardrum (Tsai et al). 2003;128:436-8 (Case rep.)

Mastoidectomy

Efficacy of surgical treatment of chronic otitis media (Cruz et al). 2003;128:263-6

Matrix metalloproteinase-2. *see* Gelatinase A

Matrix metalloproteinase-9. *see* Gelatinase B

Maxillary diseases

Maxillary infraorbital myxoma: reconstruction with vascularized temporal bone (Ducic et al). 2003;128:426-7 (Case rep.)

Maxillary neoplasms

Osseous hemangioma of the maxilla in an infant (Werle et al). 2003;128:906-9 (Case rep.)

Mediastinal emphysema

Cervical emphysema and pneumomediastinum after tonsillectomy: it can happen (Marioni et al). 2003;128:298-300 (Case rep.)

Meniere's disease

Endolymphatic sac-vein decompression for intractable Meniere's disease: long-term treatment results (Ostrowski and Kartush). 2003;128:550-9

Microdialysis

The effect of capillary ultrafiltration probes on skin flap edema (Odland et al). 2003;128:210-14

Microscopy

An unusual otomicroscopy diagnosis (Ramírez et al). 2003;128:165-6 (Clin. photo.)

Middle ear ventilation

Follow-up of 366 ears after tympanostomy tube insertion: why is it draining? (Kalcioglu et al). 2003;128:560-4

Opening plugged tympanostomy tubes: effect of tube composition (Tsao et al). 2003;128:870-4

Mineralized masses

Concholith: an usual case (Dursun et al). 2003;128:764-5 (Case rep.)

Mitomycin

Mitomycin-C in the postsurgical ear canal (Banthia and Selesnick). 2003;128:882-6

Mometasone furoate

A comparison of nasal clearance after treatment of perennial allergic rhinitis with budesonide and mometasone (Naclerio et al). 2003;128:220-7

A prospective study on the efficacy of mometasone furoate monohydrate aqueous nasal spray on Chinese patients with allergic rhinitis (Tsang et al). 2003;128:497-502

Mouth floor

Large submandibular gland calculus with perforation of floor of the mouth (Sutay et al). 2003;128:587-8 (Case rep.)

Mouth neoplasms

Complications of mandibulotomy: midline versus paramidline (Dai et al). 2003;128:137-41

Mucocele

Ethmoid mucocele as a late complication of endoscopic ethmoidectomy (Busaba and Salman). 2003;128:517-22

Mucormycosis

Gangrenous primary cutaneous mucormycosis of the scalp in and iatrogenically immunosuppressed trauma patient (Lucas et al). 2003;128:912-4 (Case rep.)

Myoclonus

Bilateral myoclonus of the tensor tympani: a case report (Cohen and Perez). 2003;128:441 (Case rep.)

Myofibromatosis

Inflammatory myofibroblastic tumor in the neonate: a case report (Klein et al). 2003;128:145-7 (Case rep.)

Myringoplasty

Composite chondroperichondrial clip tympanoplasty: the triple "C" technique (Fernandes). 2003;128:267-72

Minimally invasive laser contraction myringoplasty for tympanic membrane atelectasis (Ostrowski and Bojrab). 2003;128:711-18

Paper patching for chronic tympanic membrane perforations (Golz et al). 2003;128:565-70

Myxoma

Maxillary infraorbital myxoma: reconstruction with vascularized temporal bone (Ducic et al). 2003;128:426-7 (Case rep.)

N

Nasal cavity

Anatomic variations of the arteries of the nasal fossa (Babin et al). 2003;128:236-9

Concholith: an usual case (Dursun et al). 2003;128:764-5 (Case rep.)

Endoscopic management of an intranasal hemangioma: a case report and literature review (Kelley). 2003;128:595-7 (Case rep.)

Middle turbinate osteoma presenting with ipsilateral facial pain, epiphora, and nasal obstruction (Lin et al). 2003;128:282-3 (Case rep.)

Nasal cycle

Assessment of nasal cycle by acoustic rhinometry and rhinomanometry (Huang et al). 2003;128:510-16

Nasal mucosa

Assessment of nasal cycle by acoustic rhinometry and rhinomanometry (Huang et al). 2003;128:510-16

Caspase 3 activation in nasal capillary in patients with epistaxis (Nakada et al). 2003;128:632-9

Nasal obstruction

Angiocentric eosinophilic fibrosis (Goldman). 2003;128:445-6 (Clin. photo.)

The lateral crural J-flap repair of nasal valve collapse (O'Halloran). 2003;128:640-9

Nasal valve collapse

The lateral crural J-flap repair of nasal valve collapse (O'Halloran). 2003;128:640-9

Nasopharyngeal neoplasms

Bilateral juvenile nasopharyngeal angiofibroma (Rha et al). 2003;128:891-3 (Case rep.)

Nebulizers and vaporizers

Multiple-use atomizers in outpatient otolaryngology clinics are not necessarily an infectious risk (Visosky et al). 2003;128:447-51

Neck

Amputation neuromas after neck dissection (Talmi et al). 2003;128:196-9

Treatment and outcome of human bites in the head and neck (Stierman et al). 2003;128:795-801

Tuberculosis of the lymph glands of the neck: a limited role for surgery (Ammari et al). 2003;128:576-80

Neck neoplasms. *see* Head and neck neoplasms

Neonate. *see* Infant, newborn

Neoplasm metastasis

Do micrometastases detected with cytokeratin immunoperoxidase reactivity affect the treatment approach to neck in supraglottic cancers? (Kocatürk et al). 2003;128:407-11

Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology (Khademi et al). 2003;128:296-7 (Case rep.)

Metastatic leiomyosarcoma to the tongue (Vora and Levin). 2003;128:601-2 (Case rep.)

Nodal yield in neck dissection and the likelihood of metastases (Agrama et al). 2003;128:185-90

Nonmelanoma cutaneous malignancy with regional metastasis (Chu and Osguthorpe). 2003;128:663-73

Neoplasms, squamous cell

Comparison of DNA content parameters in paired, fresh tissue pretreatment biopsies and surgical resections from squamous cell carcinoma of the head and neck (El-Rayes et al). 2003;128:169-77

Management of T3 N0 and T4 N0 glottic carcinomas: results of a national survey (Greene et al). 2003;128:191-5

Multiple primary tumors in patients diagnosed with hypopharyngeal cancer (Raghavan et al). 2003;128:419-25

Nodal yield in neck dissection and the likelihood of metastases (Agrama et al). 2003;128:185-90

Neurofibromatosis 2

Gene discovery using a human vestibular schwannoma cDNA library constructed from a patient with neurofibromatosis type 2 (NF2) (Halum et al). 2003;128:364-71

Neuroma

Amputation neuromas after neck dissection (Talmi et al). 2003;128:196-9

Neuroma, acoustic

Cost-effective initial screening for vestibular schwannoma: auditory brainstem response or magnetic resonance imaging (Rupa et al). 2003;128:823-8

Gene discovery using a human vestibular schwannoma cDNA library constructed from a patient with neurofibromatosis type 2 (NF2) (Halum et al). 2003;128:364-71

Headache after removal of vestibular schwannoma via the retrosigmoid approach: a long-term follow-up study (Schaller and Baumann). 2003;128:387-95

Nitinol

A modified technique for nitinol stent insertion in the tracheobronchial tree (Thornton et al). 2003;128:802-4

Nitrous oxide

Rate of nitrous oxide exchange across the middle ear mucosa in monkeys before and after blockage of the mastoid antrum (Doyle et al). 2003;128:732-41

Nystagmus, congenital

Congenital-type nystagmus in Arnold-Chiari malformation (Nakahara and Murofushi). 2003;128:598-600 (Case rep.)

Nystagmus, pathologic

Bone wax prevents nystagmus after labyrinthine fenestration in guinea pigs (Brockenbrough et al). 2003;128:726-31

O

Octreotide

Octreotide in the medical treatment of chyle fistula (Nyquist et al). 2003;128:910-11 (Case rep.)

Orbital diseases

"Balanced" orbital decompression for severe Graves' orbitopathy: technique with treatment algorithm (Kacker et al). 2003;128:228-35

Oropharyngeal neoplasms

Complications of mandibulotomy: midline versus paramidline (Dai et al). 2003;128:137-41

Oropharynx

Evaluation of pediatric lateral oropharyngeal trauma (Ratcliff et al). 2003;128:783-7

Osteogenesis, distraction

Sequential upper airway changes during mandibular distraction for obstructive sleep apnea (Woodson et al). 2003;128:142-4 (Case rep.)

Osteoma

Middle turbinate osteoma presenting with ipsilateral facial pain, epiphora, and nasal obstruction (Lin et al). 2003;128:282-3 (Case rep.)

Osteomyelitis

Management of osteomyelitis of the anterior skull base and craniovertebral junction (Ducic). 2003;128:39-42

Otitis media

Efficacy of surgical treatment of chronic otitis media (Cruz et al). 2003;128:263-6

Rate of nitrous oxide exchange across the middle ear mucosa in monkeys before and after blockage of the mastoid antrum (Doyle et al). 2003;128:732-41

Otitis media, suppurative

Concurrent intracranial and extracranial complications secondary to cholesteatoma: a case report (Yeh and Cheng). 2003;128:163-4

Otitis media with effusion

Rate of nitrous oxide exchange across the middle ear mucosa in monkeys before and after blockage of the mastoid antrum (Doyle et al). 2003;128:732-41

The role of rhinitis in chronic otitis media (Mion et al). 2003;128:27-31

Otolaryngology

Child abuse and the otolaryngologist: part I (Crouse and Faust). 2003;128:305-10

Child abuse and the otolaryngologist: part II (Crouse and Faust). 2003;128:311-17

Otorrhea

Follow-up of 366 ears after tympanostomy tube insertion: why is it draining? (Kalcioglu et al). 2003;128:560-4

Outpatient health services. ***see*** **Ambulatory care**

Outpatient surgery. ***see*** **Ambulatory surgical procedures**

Oval window

Bilateral congenital absence of stapes and oval window in 2 members of a family: etiology and management (Yi et al). 2003;128:777-82

P

Pain

Clinical associations between tinnitus and chronic pain (Isaacson et al). 2003;128:706-10

Pain, postoperative

Headache after removal of vestibular schwannoma via the retrosigmoid approach: a long-term follow-up study (Schaller and Baumann). 2003;128:387-95

Pain intensity after laseruvulopalatoplasty and tonsillectomy (Kokki et al). 2003;128:273-9

Papilloma

Intralesional cidofovir for the treatment of severe juvenile recurrent respiratory papillomatosis: long-term results in four children (Milczuk). 2003;128:788-94

Paranasal sinus neoplasms

The use of the facial translocation technique in the management of tumors of the paranasal sinuses and skull base (Hao et al). 2003;128:571-5

Parapharyngeal space

Parapharyngeal lipoma causing obstructive sleep apnea syndrome (Pellanda et al). 2003;128:301-2 (Case rep.)

Parathyroid hormones

Transient rise in intact parathyroid hormone concentration after surgery for parathyroid adenoma (Ramírez et al). 2003;128:771-6

Parathyroid neoplasms

Transient rise in intact parathyroid hormone concentration after

surgery for parathyroid adenoma (Ramírez et al). 2003;128:771-6

Parotidectomy
Facial nerve stimulation and postparotidectomy facial paresis (Reilly and Myssiorek). 2003;128:530-3

Parotid gland
Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology (Khademi et al). 2003;128:296-7 (Case rep.)
Surgery for prolonged parotid duct obstruction: a case report (Cohen et al). 2003;128:753-4 (Case rep.)

Peritonsillar abscess
An evidence-based review of the treatment of peritonsillar abscess (Johnson et al). 2003;128:332-43

Personnel staffing and scheduling
An analysis of time and staff utilization for open versus percutaneous tracheostomies (Kaylie et al). 2003;128:109-14

Petrous apicitis
Cavernous sinus thrombophlebitis secondary to petrous apicitis: a case report (Park et al). 2003;128:284-6 (Case rep.)

PHACE syndrome
Cervicofacial hemangioma and its association with PHACE syndrome (Youssef and Quraishi). 2003;128:758-60 (Case rep.)

Pharynx
The association between laryngopharyngeal sensory deficits and pharyngeal motor function, and the prevalence of aspiration with thin liquids (Setzen et al). 2003;128:99-102
Thirty-centimeter barbecue skewer hooked on the pharyngoesophageal junction of a health young adult (Galera-Ruiz et al). 2003;128:290-2 (Case rep.)

Phlebectasia
Internal jugular phlebectasia surrounded by mature adipose tissue (Gerek et al). 2003;128:761-3 (Case rep.)

Plaque
The biochemical analysis of tympanosclerotic plaques (Doner et al). 2003;128:742-5

Pneumocephalus
Anterior skull base surgery without prophylactic airway diversion procedures (Gil et al). 2003;128:681-5

Pneumomediastinum. ***see*** **Mediastinal emphysema**

Polymorphism (genetics)
Gene polymorphisms in detoxification enzymes as susceptibility factor for head and neck cancer? (Gronau et al). 2003;128:674-80

Polysomnography
Nonattended home automated continuous positive airway pressure titration: comparison with polysomnography (Woodson et al). 2003;128:353-7

Poroma
Eccrine poroma in the external auditory canal (Harada et al). 2003;128:439-40 (Case rep.)

Prostheses and implants
Development of interface in hydroxyapatite implanted in the middle ear of the rat: a light and scanning microscopy study (Pinilla et al). 2003;128:124-31

Q

Quality of life
Allergic rhinitis: broader disease effects and implications for management (Baroody). 2003;128:616-31
Evaluation of sleep-disordered breathing in children (Sohn and Rosenfeld). 2003;128:344-52
Quality of life for children with persistent sinonasal symptoms (Kay and Rosenfeld). 2003;128:17-26

R

Rabbits
Viscoelastic properties of rabbit vocal folds after augmentation (Hertegård et al). 2003;128:401-6

Radiofrequency ablation
A randomized trial of temperature-controlled radiofrequency, continuous positive airway pressure, and placebo for obstructive sleep apnea (Woodson et al). 2003;128:848-61

Radiology
Evaluation of sinusitis in the intensive care unit patient (Skoulas et al). 2003;128:503-9

Radiotherapy
Partial laryngectomy after irradiation failure (Yiotakis et al). 2003;128:200-9

Retinoblastoma
Metastasis of retinoblastoma to the parotid gland: diagnosis by fine needle aspiration cytology (Khademi et al). 2003;128:296-7

Rhinitis, allergic
Allergic rhinitis: broader disease effects and implications for management (Baroody). 2003;128:616-31
A prospective study on the efficacy of mometasone furoate monohydrate aqueous nasal spray on Chinese patients with allergic rhinitis (Tsang et al). 2003;128:497-502
The role of rhinitis in chronic otitis media (Mion et al). 2003;128:27-31

Rhinitis, allergic, perennial
A comparison of nasal clearance after treatment of perennial allergic rhinitis with budesonide and mometasone (Naclerio et al). 2003;128:220-7

Rhinomanometry
Assessment of nasal cycle by acoustic rhinometry and rhinomanometry (Huang et al). 2003;128:510-16

Rhinometry, acoustic
Assessment of nasal cycle by acoustic rhinometry and rhinomanometry (Huang et al). 2003;128:510-16

S

Salivary calculi
Large submandibular gland calculus with perforation of floor of the mouth (Sutay et al). 2003;128:587-8 (Case rep.)

Salivary glands
Salivary gland choristoma of the middle ear in a child: a case report (Ookouchi et al). 2003;128:160-2 (Case rep.)

Sarcoma, alveolar soft part
Alveolar soft part sarcoma of the mandible (Richards et al). 2003;128:148-50 (Case rep.)

Sarcoma, Ewing's
Ewing's sarcoma of the ethmoid sinus (Aferzon et al). 2003;128:897-901 (Case rep.)

Scalp
Gangrenous primary cutaneous mucormycosis of the scalp in and iatrogenically immunosuppressed trauma patient (Lucas et al). 2003;128:912-4 (Case rep.)
Marjolin's ulcer arising in a previously grafted burn of the scalp (Wong et al). 2003;128:915-6 (Clin. photo.)

Scalpel, harmonic
Harmonic scalpel tonsillectomy in children: a randomized prospective study (Willging and Wiatrak). 2003;128:318-25

Schwannoma, acoustic. ***see*** **Neuroma, acoustic**

Sinusitis
Allergy and chronic rhinosinusitis (Krause). 2003;128:14-16

Evaluation of sinusitis in the intensive care unit patient (Skoulas et al). 2003;128:503-9
Quality of life for children with persistent sinonasal symptoms (Kay and Rosenfeld). 2003;128:17-26
Radiologic correlates of symptom-based diagnostic criteria for chronic rhinosinusitis (Hwang et al). 2003;128:489-96

Sinus surgery
The clinical effects of hyaluronic acid ester nasal dressing (Merogel) on intranasal wound healing after functional endoscopic sinus surgery (Miller et al). 2003;128:862-9
Endoscopic management of an intranasal hemangioma: a case report and literature review (Kelley). 2003;128:595-7 (Case rep.)
Evaluation of middle meatal stenting after minimally invasive sinus techniques (Catalano and Roffman). 2003;128:875-81
Image-guided sinus surgery: lessons learned from the first 1000 cases (Metson). 2003;128:8-13
Protrusion of orbital content through dehiscence of lamina papyracea mimics: a case report (Chao). 2003;128:433-5 (Case rep.)

Skin neoplasms
Nonmelanoma cutaneous malignancy with regional metastasis (Chu and Osguthorpe). 2003;128:663-73

Skin transplantation
Marjolin's ulcer arising in a previously grafted burn of the scalp (Wong et al). 2003;128:915-6 (Clin. photo.)

Skull base
Anterior skull base surgery without prophylactic airway diversion procedures (Gil et al). 2003;128:681-5
Management of osteomyelitis of the anterior skull base and craniovertebral junction (Ducic). 2003;128:39-42
The role of hair shaving in skull base surgery (Gil et al). 2003;128:43-7

Skull base neoplasms
The use of the facial translocation technique in the management of tumors of the paranasal sinuses and skull base (Hao et al). 2003;128:571-5

Sleep apnea, obstructive
Nonattended home automated continuous positive airway pressure titration: comparison with polysomnography (Woodson et al). 2003;128:353-7
Parapharyngeal lipoma causing obstructive sleep apnea syndrome (Pellanda et al). 2003;128:301-2 (Case rep.)
A randomized trial of temperature-controlled radiofrequency, continuous positive airway pressure, and placebo for obstructive sleep apnea (Woodson et al). 2003;128:848-61
Sequential upper airway changes during mandibular distraction for obstructive sleep apnea (Woodson et al). 2003;128:142-4 (Case rep.)

Sleep apnea syndromes
Evaluation of sleep-disordered breathing in children (Sohn and Rosenfeld). 2003;128:344-52

Sleep-disordered breathing. *see* Sleep apnea syndromes

Snoreplasty, injection
Injection snoreplasty: extended follow-up and new objective data (Brietzke and Mair). 2003;128:605-15

Snoring
Injection snoreplasty: extended follow-up and new objective data (Brietzke and Mair). 2003;128:605-15

SN-5 survey
Quality of life for children with persistent sinonasal symptoms (Kay and Rosenfeld). 2003;128:17-26

Speech production measurement
Measurement of tongue movement during vowel production with computer-assisted B-mode and M-mode ultrasonography (Chiang et al). 2003;128:805-14

Sphenoid sinus
Intrasphenoid mycotic aneurysm of the internal carotid artery (Brodsky et al). 2003;128:887-90 (Case rep.)

Sphenopalatine artery
Anatomic variations of the arteries of the nasal fossa (Babin et al). 2003;128:236-9

Squamous cell cancer. *see* Neoplasms, squamous cell

Staffing and scheduling. *see* Personnel staffing and scheduling

Stapes
Bilateral congenital absence of stapes and oval window in 2 members of a family: etiology and management (Yi et al). 2003;128:777-82

Stapes surgery
Task performance in stapedotomy: comparison between surgeons of different experience levels (Rothbaum et al). 2003;128:71-7

Stenosis. *see* Constriction, pathologic

Stents
Complications of tracheobronchial airway stents (Zakaluzny et al). 2003;128:478-88
Evaluation of middle meatal stenting after minimally invasive sinus techniques (Catalano and Roffman). 2003;128:875-81
A modified technique for nitinol stent insertion in the tracheobronchial tree (Thornton et al). 2003;128:802-4

Steroids
Diagnosis and treatment of sudden-onset sensorineural hearing loss: a study of 51 patients (Zadeh et al). 2003;128:92-8
Visual loss after intraturbinate steroid injections (Martin et al). 2003;128:280-1 (Case rep.)

Subcutaneous emphysema
Cervical emphysema and pneumomediastinum after tonsillectomy: it can happen (Marioni et al). 2003;128:298-300 (Case rep.)
Cervical subcutaneous emphysema after lower abdominal laparoscopic surgery (Jen et al). 2003;128:157-9 (Case rep.)

Submandibular gland
Large submandibular gland calculus with perforation of floor of the mouth (Sutay et al). 2003;128:587-8 (Case rep.)

Surgery
The role of hair shaving in skull base surgery (Gil et al). 2003;128:43-7

Surgery, image-guided
Image-guided sinus surgery: lessons learned from the first 1000 cases (Metson). 2003;128:8-13

Surgical flaps
Functional comparison after reconstruction with a radial forearm free flap or a pectoralis major flap for cancer of the tongue (Su et al). 2003;128:412-18

Synkinesis
Biofeedback rehabilitation for prevention of synkinesis after facial palsy (Nakamura et al). 2003;128:539-43

T

Task performance and analysis
Task performance in stapedotomy: comparison between surgeons of different experience levels (Rothbaum et al). 2003;128:71-7

Temporal bone
Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations (Purcell et al). 2003;128:78-87

Maxillary infraorbital myxoma: reconstruction with vascularized temporal bone (Ducic et al). 2003;128:426-7 (Case rep.)
A reliable radiologic landmark for the facial nerve in axial temporal bone computed tomography scans (Bance and Erb). 2003;128:251-6

Teratoma
Eustachian tube mature teratoma (Wasinwong et al). 2003;128:589-91 (Case rep.)

Thoracic duct
Thoracoscopic management of thoracic duct injuries: an alternative approach (Scott and Simko). 2003;128:755-7 (Case rep.)

Thoracoscopy
Thoracoscopic management of thoracic duct injuries: an alternative approach (Scott and Simko). 2003;128:755-7 (Case rep.)

Thyroid neoplasms
Combined positron emission tomography/computed tomography imaging of recurrent thyroid cancer (Zimmer et al). 2003;128:178-84
A population-based analysis of survival factors in differentiated and medullary thyroid carcinoma (Bhattacharyya). 2003;128:115-23

Tinnitus
Bilateral myoclonus of the tensor tympani: a case report (Cohen and Perez). 2003;128:441 (Case rep.)
Clinical associations between tinnitus and chronic pain (Isaacson et al). 2003;128:706-10

Tissue transplantation
Autologous fat grafting for the refractory Eustachian tube (Doherty and Slattery). 2003;128:88-91

Titanium vocal fold medialization implant
Acoustic assessment of the voice quality before and after medialization thyroplasty using the titanium vocal fold medialization implant (TVFMI) (Schneider et al). 2003;128:815-22

Tomography, computed
Combined positron emission tomography/computed tomography imaging of recurrent thyroid cancer (Zimmer et al). 2003;128:178-84
Establishment of normative cochlear and vestibular measurements to aid in the diagnosis of inner ear malformations (Purcell et al). 2003;128:78-87
Jugular bulb diverticula: clinical and radiologic aspects (Bilgen et al). 2003;128:382-6
Radiologic correlates of symptom-based diagnostic criteria for chronic rhinosinusitis (Hwang et al). 2003;128:489-96
A reliable radiologic landmark for the facial nerve in axial temporal bone computed tomography scans (Bance and Erb). 2003;128:251-6

Tomography, emission-computed
Combined positron emission tomography/computed tomography imaging of recurrent thyroid cancer (Zimmer et al). 2003;128:178-84

Tongue
Lingual dermoid cysts (Milam et al). 2003;128:428-9 (Case rep.)
Measurement of tongue movement during vowel production with computer-assisted B-mode and M-mode ultrasonography (Chiang et al). 2003;128:805-14

Tongue neoplasms
Functional comparison after reconstruction with a radial forearm free flap or a pectoralis major flap for cancer of the tongue (Su et al). 2003;128:412-18
Keratoacanthoma of the tongue: a diagnostic problem (Chen et al). 2003;128:581-2 (Case rep.)
Metastatic leiomyosarcoma to the tongue (Vora and Levin). 2003;128:601-2 (Case rep.)

Tonsillar neoplasms
Tracheal stromal recurrence after tonsillar cancer (Moorthy and Radpour). 2003;128:769-70 (Clin. photo.)

Tonsillectomy
Cervical emphysema and pneumomediastinum after tonsillectomy: it can happen (Marioni et al). 2003;128:298-300 (Case rep.)
Harmonic scalpel tonsillectomy in children: a randomized prospective study (Willging and Wiatrak). 2003;128:318-25
Pain intensity after laseruvulopalatoplasty and tonsillectomy (Kokki et al). 2003;128:273-9
Revisiting outpatient tonsillectomy in young children (Ross et al). 2003;128:326-31

Tracheal neoplasms
Maffucci's syndrome and cartilaginous neoplasms of the trachea (Moore et al). 2003;128:583-6 (Case rep.)
Tracheal stromal recurrence after tonsillar cancer (Moorthy and Radpour). 2003;128:769-70 (Clin. photo.)

Tracheostomy
An analysis of time and staff utilization for open versus percutaneous tracheostomies (Kaylie et al). 2003;128:109-14
Anterior skull base surgery without prophylactic airway diversion procedures (Gil et al). 2003;128:681-5

Tracheotomy
Percutaneous dilation tracheotomy versus surgical tracheotomy: our experience (Goldenberg et al). 2003;128:358-63

Transsexualism
Cricothyroid approximation and thyroid chondroplasty: a patient survey (Matai et al). 2003;128:841-7

Tuberculosis, lymph node
Tuberculosis of the lymph glands of the neck: a limited role for surgery (Ammari et al). 2003;128:576-80

Tuberous sclerosis
Massive facial angiofibroma in a patient with tuberous sclerosis (Earnest et al). 2003;128:151-3 (Case rep.)

Turbinates
Middle turbinate osteoma presenting with ipsilateral facial pain, epiphora, and nasal obstruction (Lin et al). 2003;128:282-3 (Case rep.)
Visual loss after intraturbinate steroid injections (Martin et al). 2003;128:280-1 (Case rep.)

Tympanic membrane
The biochemical analysis of tympanosclerotic plaques (Doner et al). 2003;128:742-5
Minimally invasive laser contraction myringoplasty for tympanic membrane atelectasis (Ostrowski and Bojrab). 2003;128:711-18

Tympanic membrane perforation
Composite chondroperichondrial clip tympanoplasty: the triple "C" technique (Fernandes). 2003;128:267-72
Paper patching for chronic tympanic membrane perforations (Golz et al). 2003;128:565-70

Tympanomastoidectomy
Efficacy of surgical treatment of chronic otitis media (Cruz et al). 2003;128:263-6

Tympanoplasty
Composite chondroperichondrial clip tympanoplasty: the triple "C" technique (Fernandes). 2003;128:267-72

Tympanostomy tube insertion. ***see*** **Middle ear ventilation**

Tympanum. ***see*** **Ear, middle**

U

Ultrafiltration
The effect of capillary ultrafiltration probes on skin flap edema (Odland et al). 2003;128:210-14
Ultrasonography
Measurement of tongue movement during vowel production with computer-assisted B-mode and M-mode ultrasonography (Chiang et al). 2003;128:805-14
Uncertainty
Uncertainty-based medicine (Rosenfeld). 2003;128:5-7 (Commentary)
Upper airway resistance sleep apnea syndrome. ***see*** **Sleep apnea, obstructive**
Uvulopalatoplasty
Pain intensity after laseruvulopalatoplasty and tonsillectomy (Kokki et al). 2003;128:273-9

V

Vertigo
Anxiety in the first attack of vertigo (Pollak et al). 2003;128:829-34
Dizziness: relating the severity of vertigo to the degree of handicap by measuring vestibular impairment (Pérez et al). 2003;128:372-81
Increased independence and decreased vertigo after vestibular rehabilitation (Cohen and Kimball). 2003;128:60-70
Systematic approach to benign positional paroxysmal vertigo in the elderly (Agneli et al). 2003;128:719-25
Vestibular diseases
Cost-effective initial screening for vestibular schwannoma: auditory brainstem response or magnetic resonance imaging (Rupa et al). 2003;128:823-8
Dizziness: relating the severity of vertigo to the degree of handicap by measuring vestibular impairment (Pérez et al). 2003;128:372-81
Gene discovery using a human vestibular schwannoma cDNA library constructed from a patient with neurofibromatosis type 2 (NF2) (Halum et al). 2003;128:364-71
Headache after removal of vestibular schwannoma via the retrosigmoid approach: a long-term follow-up study (Schaller and Baumann). 2003;128:387-95
Web-based clinical decision support system for triage of vestibular patients (Kinney). 2003;128:48-53
Vestibular rehabilitation
Increased independence and decreased vertigo after vestibular rehabilitation (Cohen and Kimball). 2003;128:60-70
Systematic approach to benign positional paroxysmal vertigo in the elderly (Agneli et al). 2003;128:719-25
Vestibular rehabilitation: useful but no universally so (Krebs et al). 2003;128:240-50
Vision
Visual loss after intraturbinate steroid injections (Martin et al). 2003;128:280-1 (Case rep.)
Vocal cord paralysis
Acoustic assessment of the voice quality before and after medialization thyroplasty using the titanium vocal fold medialization implant (TVFMI) (Schneider et al). 2003;128:815-22
Vocal cords
An alternative surgical procedure for the treatment of vocal fold retention cyst (Chang and Chang). 2003;128:470-7
Viscoelastic properties of rabbit vocal folds after augmentation (Hertegård et al). 2003;128:401-6
Voice prothesis. ***see*** **Larynx, artificial**
Voice quality
Acoustic assessment of the voice quality before and after medialization thyroplasty using the titanium vocal fold medialization implant (TVFMI) (Schneider et al). 2003;128:815-22

W

World Wide Web. ***see*** **Internet**

Z

Zenker diverticulum
Post-total laryngectomy Zenker's diverticulum: endoscopic stapled-assisted esophagodiverticulostomy (Brasnu et al). 2003;128:902-3 (Case rep.)
Zygoma
Zygomatic abscess complicating a huge mastoid cholesteatoma with intact eardrum (Tsai et al). 2003;128:436-8 (Case rep.)